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Bantli, H., see Tolbert, D.L., et al. **30** 425 (1977)
Baranyi, A., Fehér, O.: Conditioned Changes of Synaptic Transmission in the Motor Cortex of the Cat **33** 283 (1978)
Baranyi, A., Fehér, O.: Intracellular Studies on Cortical Synaptic Plasticity. Conditioning Effect of Antidromic Activation on Test-EPSPs **41** 124 (1980/81)
Barbaresi, P., see Manzoni, T., et al. **39** 1 (1980)
Barbaro, N.M., see Tomko, D.L., et al. **43** 309 (1981)
Barber, G., see Peck, C.K., et al. **34** 401 (1978/1979)
Barber, G., see Peck, C.K., et al. **41** 61 (1980/81)
Bárdos, V., see Flerkó, B. **1** 299 (1966)
Barlow, R.B., Jr., Snodderly, D.M., Swadlow, H.A.: Intensity Coding in Primate Visual System **31** 163 (1978)
Barlow, R.B., Jr., see Snodderly, D.M., et al. **31** 179 (1978)
Barmack, N.H., see Erickson, R.G. **40** 448 (1980)
Barnes, C.D., see Strahlendorf, J.C., et al. **46** 462 (1982)
Barnes, G.R., Edge, A.: The Effects of Strobe Rate of Head-fixed Visual Targets on Suppression of Vestibular Nystagmus **50** 228 (1983)
Barnes, G.R.: The Effects of Retinal Target Location on Suppression of the Vestibulo-Ocular Reflex **49** 257 (1983)
Barraclough, C.A., see Shander, D. **40** 123 (1980)
Barth, R., see Fischer, B., et al. **31** 235 (1978)
Barth, R., see Krüger, J., et al. **23** 443 (1975)
Bartkowski, H.M., see Bakay, L., et al. **23** 241 (1975)
Bartlett, J.R., Doty, R.W., Pecci-Saavedra, J., Wilson, P.D.: Mesencephalic Control of Lateral Geniculate Nucleus in Primates. III. Modifications with State of Alertness **18** 214 (1973)
Bartlett, J.R., Doty, Sr. R.W., Lee, B.B., Sakakura, H.: Influence of Saccadic Eye Movements on Geniculostriate Excitability in Normal Monkeys **25** 487 (1976)
Bartlett, J.R., see DeYoe, E.A. **39** 125 (1980)
Bartlett, J.R., see Doty, R.W., et al. **18** 189 (1973)
Bartlett, J.R., see Kahrilas, P.J., et al. **39** 11 (1980)
Bartolini, A., see Fieschi, C., et al. **7** 111 (1969)
Bateson, P., see Bradley, P., et al. **41** 115 (1980/81)
Bateson, P., see McCabe, B.J., et al. **48** 13 (1982)
Batini, C., Bernard, J.F., Buisseret-Delmas, C., Conrath-Verrier, M., Horcholle-Bossavit, G.: Harmaline-induced Tremor. II. Unit Activity Correlation in the Interposito-Rubral and Oculomotor Systems of Cat **42** 383 (1981)
Batini, C., Buisseret-Delmas, C., Conrath-

Verrier, M.: Harmaline-induced Tremor. I. Regional Metabolic Activity as Revealed by [^{14}C]2-Deoxyglucose in Cat **42** 371 (1981)
Batini, C., Corvisier, J., Destombes, J., Gioanni, H., Everett, J.: The Climbing Fibers of the Cerebellar Cortex, their Origin and Pathways in Cat **26** 407 (1976)
Batini, C., Ito, M., Kado, R.T., Jastreboff, P.J., Miyashita, Y.: Interaction Between the Horizontal Vestibulo-ocular Reflex and Optokinetic Response in Rabbits **37** 1 (1979)
Batini, C., see Alvarado-Mallart, M.R., et al. **23** 167 (1975)
Battaglini, P.P., Squatrito, S., Galletti, C., Maioli, M.G., Riva Sanseverino, E.: Bilateral Projections from the Visual Cortex to the Striatum in the Cat **47** 28 (1982)
Bauer, R., Dow, B.M., Snyder, A.Z., Vautin, R.G.: Orientation Shift Between Upper and Lower Layers in the Monkey Visual Cortex **50** 133 (1983)
Bauer, R., Dow, B.M., Vautin, R.G.: Laminar Distribution of Preferred Orientations in Foveal Striate Cortex of the Monkey **41** 54 (1980/81)
Bauer, R.: A High Probability of an Orientation Shift Between Layers 4 and 5 in Central Parts of the Cat Striate Cortex **48** 245 (1982)
Bauer, R., see Dow, B.M., et al. **44** 213 (1981)
Baulac, M., Meininger, V.: Postnatal Development and Cell Death in the Sciatic Motor Nucleus of the Mouse **50** 107 (1983)
Baumann, T.P., see Spear, P.D. **35** 177 (1979)
Baumbach, H.D., see Chow, K.L., et al. **42** 122 (1981)
Baumgartner, G., see Denney, D., et al. **6** 265 (1968)
Baumgartner, G., see Freund, H.-J., et al. **8** 53 (1969)
Baumgartner, G., see Heydt, R. von der, et al. **31** 523 (1978)
Baur, L.A., see Hale, P.T., et al. **45** 217 (1982)
Baust, W., Böhmke, J., Blossfeld, U.: Somato-Sympathetic Reflexes During Natural Sleep and Wakefulness in Unrestrained Cats **12** 361 (1971)
Baust, W., Böhmke, J., Blossfeld, U.: Reflex Responses in the Sympathetic and Vagal Nerve Evoked by Reticular Stimulation During Sleep and Wakefulness **12** 370 (1971)
Baust, W., Bohnert, B.: The Regulation of Heart Rate During Sleep **7** 169 (1969)
Baust, W., Heinemann, H.: The Role of the Baroreceptors and of Blood Pressure in the Regulation of Sleep and Wakefulness **3** 12 (1967)
Bawa, P., Tatton, W.G.: Motor Unit Responses in Muscles Stretched by Imposed Displacements of the Monkey Wrist **37** 417 (1979)
Bawa, P., see Tatton, W.G. **37** 439 (1979)
Bawa, P., see Matthews, P.B.C., et al. **45** 313 (1982)
Bayer, S.A.: ^{3}H-Thymidine-radiographic Studies of Neurogenesis in the Rat Olfactory Bulb **50** 329 (1983)
Bayer, S.A.: Changes in the Total Number of Dentate Granule Cells in Juvenile and Adult Rats: A Correlated Volumetric and ^{3}H-Thymidine Autoradiographic Study **46** 315 (1982)
Bayer, S.A., see Altman, J. **42** 424 (1981)
Bayer, S.A., see Altman, J. **42** 411 (1981)
Bayer, S.A., see Altman, J. **29** 265 (1977)
Bear, D.M., Sasaki, H., Ervin, F.R.: Sequential Change in Receptive Fields of Striate Neurons in Dark Adapted Cats **13** 256 (1971)
Bear, D.M., see Sasaki, H., et al. **13** 273 (1971)
Bear, D.M., see Sasaki, H., et al. **13** 239 (1971)
Beaubaton, D., Trouche, E.: Participation of the Cerebellar Dentate Nucleus in the Control of a Gloal-directed Movement in Monkeys. Effects of Reversible or Permanent Dentate Lesion on the Duration and Accuracy of a Pointing Response **46** 127 (1982)
Beaubaton, D., see Trouche, E. **40** 311 (1980)
Beazley, L.D.: Factors Determining Decussation at the Optic Chiasma by Developing Retinotectal Fibres in Xenopus **23** 491 (1975)
Beazley, L.D.: Development of Intertectal Neuronal Connections in Xenopus: The Effects of Contralateral Transposition of the Eye and of Eye Removal **23** 505 (1975)
Beazley, L.D.: Abnormalities in the Visual System of Xenopus after Laval Optic Nerve Section **30** 369 (1977)
Bechtel, A.A., see Wolf, E.H., et al. **14** 9 (1972)
Bechterev, N.N., see Altman, J.A., et al. **26** 285 (1976)
Becker, W., see Mergner, T., et al. **49** 198 (1983)
Becker, W., see Mergner, T., et al. **45** 196 (1982)
Beckmann, R., Albus, K.: The Geniculocortical System in the Early Postnatal Kitten: An Electrophysiological Investigation **47** 49 (1982)
Beckmann, W.C., see Jennes, L., et al. **46** 331 (1982)
Bédard, P., see Ohye, C., et al. **10** 140 (1970)
Bégué, A.E., see Berthoz, A., et al. **44** 19 (1981)
Behrens, F., Grüsser, O.-J.: Smooth Pursuit Eye Movements and Optokinetic Nystagmus Elicited by Intermittently Illuminated Stationary Patterns **37** 317 (1979)
Beleslin, D.B., see Myers, R.D. **11** 539 (1970)
Bell, C.C., Finger, T.E., Russell, C.J.: Central Connections of the Posterior Lateral Line Lobe in Mormyrid Fish **42** 9 (1981)
Bell, C.C., see Finger, T.E., et al. **42** 23 (1981)
Bellardinelli, E., see Manzoni, T., et al. **39** 1 (1980)
Ben-Ari, Y., see Rovira, C., et al. **49** 151 (1983)
Benda, P., De Vitry, F., Picart, R., Tixier-Vidal, A.: Dissociated Cell Cultures from Fetal Mouse Hypothalamus Patterns of Organization and Ultrastructural Features **23** 29 (1975)
Bender, D.B., see Leiby, C.C. III, et al. **48** 449 (1982)
Bendrups, A.P., see Kunze, W., et al. **36** 233 (1979)
Benecke, R., Böttcher, U., Henatsch, H.-D., Meyer-Lohmann, J., Schmidt, J.: Recurrent Inhibition of Individual Ia Inhibitory Interneurones and Disinhibition of Their Target *a*-Motoneurones During Muscle Stretches **23** 13 (1975)
Benecke, R., Hellweg, F.C., Meyer-Lohmann, J.: Activity and Excitability of Renshaw Cells in Non-Decerebrate and Decerebrate Cats **21** 113 (1974)
Benecke, R., Takano, K., Schmidt, J., Henatsch, H.-D.: Tetanus Toxin Induced Actions on Spinal Renschaw Cells and Ia-Inhibitory Interneurones during Development of Local Tetanus in the Cat **27** 271 (1977)
Benecke, R., see Hellweg, F.C., et al. **21** 353 (1974)
Benedek, G., see Mucke, L., et al. **46** 1 (1982)
Benevento, L.A., Davis, B.: Topographical Projections of the Prestriate Cortex to the Pulvinar Nuclei in the Macaque Monkey: An Autoradiographic Study **30** 405 (1977)
Benevento, L.A., see Creutzfeldt, O.D., et al. **21** 251 (1974)
Bengry, M.F., Silverman, M.S., Clopton, B.M.: Effects of Lesioning the Dorsal and Intermediate Acoustic Striae on Binaural Interaction at the Inferior Colliculus **28** 211 (1977)
Bénita, M., Condé, H., Dormont, J.F., Schmied, A.: Effects of Ventrolateral Thalamic Nucleus Cooling on Initiation of Forelimb Ballistic Flexion Movements by Conditioned Cats **34** 435 (1978/1979)
Bénita, M., Condé, H.: Etude des Efférences du Noyau Centre Médian du Thalamus du Chat Vers le Cortex et les Structures Strio-Pallidales **12** 204 (1971)
Bénita, M., see Schmied, A., et al. **36** 285 (1979)

Bennett, M.R., see Nurcombe, V. **44** 249 (1981)
Bennett, M.R., see McCaffery, C.A., et al. **48** 377 (1982)
Benoit, O., Chataignier, C.: Patterns of Spontaneous Unitary Discharge in Thalamic Ventro-Basal Complex During Wakefulness and Sleep **17** 348 (1973)
Bentivoglio, M., Kuypers, H.G.J.M.: Divergent Axon Collaterals from Rat Cerebellar Nuclei to Diencephalon, Mesencephalon, Medulla Oblongata and Cervical Cord. A Fluorescent Double Retrograde Labeling Study **46** 339 (1982)
Bentivoglio, M., Macchi, G., Rossini, P., Tempesta, E.: Brain Stem Neurons Projecting to Neocortex: A HRP Study in the Cat **31** 489 (1978)
Bentivoglio, M., see Catsman-Berrevoets, C.E., et al. **39** 433 (1980)
Bentivoglio, M., see Kuypers, H.G.J.M., et al. **40** 383 (1980)
Benzinger, H., Massopust, L.C.: Brain Stem Projections from Cortical Area 18 in the Albino Rat **50** 1 (1983)
Berardi, N., see Fiorentini, A., et al. **48** 113 (1982)
Bereiter, D., Berthoud, H.R., Jeanrenaud, B.: Hypothalamic Input to Brain Stem Neurons Responsive to Oropharyngeal Stimulation **39** 33 (1980)
Bergego, C., see Pierrot-Deseilligny, E., et al. **42** 337 (1981)
Bergego, C., see Pierrot-Deseilligny, E., et al. **42** 351 (1981)
Berger, W., see Dietz, V. **47** 172 (1982)
Bergonzi, R., see Mihailović, J., et al. **21** 229 (1974)
Berkley, K.J., Parmer, R.: Somatosensory Cortical Involvement in Responses to Noxious Stimulation in the Cat **20** 363 (1974)
Berkley, M.A., Bush, R.: Intracortical Processing of Visual Contour Information in Cats **50** 397 (1983)
Berkley, M.A., see Watkins, D.W. **19** 433 (1974)
Berlucchi, G., Sprague, J.M., Antonini, A., Simoni, A.: Learning and Interhemispheric Transfer of Visual Pattern Discriminations Following Unilateral Suprasylvian Lesions in Splitchiasm Cats **34** 551 (1978/1979)
Berlucchi, G., Sprague, J.M., Lepore, F., Mascetti, G.G.: Effects of Lesions of Area 17, 18 and 19 on Interocular Transfer of Pattern Discriminations in Split-Chiasm Cats **31** 275 (1978)
Berlucchi, G., see De Stefano, M., et al. **38** 197 (1979/80)
Berman, N., Cynader, M.: Early Versus Late Visual Cortex Lesions: Effects on Receptive Fields in Cat Superior Colliculus **25** 131 (1976)
Berman, N., Payne, B.R.: Monocular Deprivation in the Siamese Cat: Development of Cortical Orientation and Direction Sensitivity Whitout Visual Experience **46** 147 (1982)
Berman, N., Payne, B.R.: Contralateral Cortifugal Projections from the Lateral Suprasylvian and Ectosylvian Gyri in the Cat **47** 234 (1982)
Berman, N., see Cynader, M., et al. **25** 139 (1976)
Berman, N., see Cynader, M., et al. **22** 267 (1975)
Berman, N., see Payne, B.R., et al. **43** 371 (1981)
Berman, N., see Pearson, H.E., et al. **50** 367 (1983)
Bernard, J.F., see Batini, C., et al. **42** 383 (1981)
Bernardis, L.L., Goldman, J.K.: Growth and Metabolic Changes in Weanling Rats with Lesions in the Dorsomedial Hypothalamic Nuclei **15** 424 (1972)
Bernardis, L.L.: Normal Plasma Growth Hormone Levels in Growth-Retarded Weanling Rats with Dorsomedial Hypothalamic Lesions **18** 374 (1973)
Bernheimer, H., see Higatsberger, M.R., et al. **44** 93 (1981)
Berthoud, H.R., see Bereiter, D., et al. **39** 33 (1980)
Berthoz, A., Baker, R., Precht, W.: Labyrinthine Control of Inferior Oblique Motoneurons **18** 225 (1973)
Berthoz, A., Jeannerod, M., Vital-Durand, F., Oliveras, J.L.: Development of Vestibulo-Ocular Responses in Visually Deprived Kittens **23** 425 (1975)
Berthoz, A., Llinás, R.: Afferent Neck Projection to the Cat Cerebellar Cortex **20** 385 (1974)
Berthoz, A., Melvill Jones, G., Bégué, A.E.: Differential Visual Adaptation of Vertical Canal-dependent Vestibulo-ocular Reflexes **44** 19 (1981)
Berthoz, A., Pavard, B., Young, L.R.: Perception of Liear Horizontal Self-Motion Induced by Peripheral Vision (Linearvection); Basic Characteristics and Visual-Vestibular Interactions **23** 471 (1975)
Berthoz, A., see Perret, C. **18** 178 (1973)
Berthoz, A., see Soechting, J.F. **36** 551 (1979)
Berthoz, A., see Buizza, A., et al. **36** 509 (1979)
Berthoz, A., see Buizza, A., et al. **39** 165 (1980)
Berthoz, A., see Grantyn, A., et al. **37** 149 (1979)
Berthoz, A., see Lestienne, F., et al. **28** 363 (1977)
Berthoz, A., see McCrea, R.A., et al. **40** 468 (1980)
Berthoz, A., see Vidal, P.P., et al. **37** 241 (1979)
Berthoz, A., see Vidal, P.P., et al. **46** 448 (1982)
Bertrand, F., Hugelin, A., Vibert, J.F.: Quantitative Study of Anatomical Distribution of Respiration Related Neurons in the Pons **16** 383 (1972/73)
Besson, J.M., see Menétrey, D., et al. **27** 15 (1977)
Besson, J.M., see Oliveras, J.L., et al. **20** 32 (1974)
Beverley, K.I., Regan, D.: Temporal Integration of Disparity Information in Stereoscopic Perception **19** 228 (1974)
Bharos, A.T., see Kuypers, H.G.J.M., et al. **40** 383 (1980)
Bharos, T.B., Kuypers, H.G.J.M., Lemon, R.N., Muir, R.B.: Divergent Collaterals from Deep Cerebellar Neurons to Thalamus and Tectum, and to Medulla Oblongata and Spinal Cord: Retrograde Fluorescent and Electrophysiological Studies **42** 399 (1981)
Bharucha, A.D., Elliot, K.A.C.: Effects of Electrically Induced Convulsions and Transmitter Substances on Ribonucleic Acid Turnover in Brain Slices **19** 119 (1974)
Bie, B., see Andersen, P., et al. **45** 357 (1982)
Bienenstock, E., see Frégnac, Y., et al. **42** 453 (1981)
Bierer, P.R., see Boudreau, J.C., et al. **13** 461 (1971)
Bigenwald, J., see Bonaventure, N., et al. **50** 433 (1983)
Bigl, V., Schober, W.: Cholinergic Transmission in Subcortical and Cortical Visual Centers of Rats: No Evidence for the Involvement of Primary Optic System **27** 211 (1977)
Biguer, B., Jeannerod, M., Prablanc, C.: The Coordination of Eye, Head, and Arm Movements During Reaching at a Single Visual Target **46** 301 (1982)
Bilotto, G., Goldberg, J., Peterson, B.W., Wilson, V.J.: Dynamic Properties of Vestibular Reflexes in the Decerebrate Cat **47** 343 (1982)
Binder, M.D.: Further Evidence that the Golgi Tendon Organ Monitors the Activity of a Discrete Set of Motor Units Within a Muscle **43** 186 (1981)
Bingmann, D., Kolde, G.: PO_2-Profiles in Hippocampal Slices of the Guinea Pig **48** 89 (1982)
Bischoff, C., see Pitzel, L., et al. **44** 229 (1981)
Biscoe, T.J., Headley, P.M., Lodge, D., Martin, M.R., Watkins, J.C.: The Sensitivity of Rat Spinal Interneurones and Renshaw Cells to L-Glutamate and L-Aspartate **26** 547 (1976)
Biscoe, T.J., see Duggan, A.W., et al. **17** 261 (1973)
Bisconte, J.-C., Marty, R.: Etude Quantitative du Marquage Radioautographique dans le Système, Nerveux du Rat. II.Caractéristiques Finales dans le Cerveau de l'Animal Adulte: Lois d'Interprétation et Concept de Chronoarchitectonie Corticale **22** 37 (1975)

Bisconte, J.-C., Marty, R.: Etude Quatitative du Marquage Radioautographique dans le Système Nerveux du Rat. I. Caractéristiques Primitives dans le Tube Neural **21** 455 (1974)
Bisconte, J.-C., see Bologa, L., et al. **50** 84 (1983)
Bishop, P.O., see Joshua, D.E. **10** 389 (1970)
Bishop, P.O., see Kulikowski, J.J. **44** 386 (1981)
Bishop, P.O., see Henry, G.H., et al. **32** 245 (1978)
Bishop, P.O., see Kulikowski, J.J., et al. **44** 371 (1981)
Bishop, P.O., see Nikara, T., et al. **6** 353 (1968)
Bishop, P.O., see Pettigrew, J.D., et al. **6** 373 (1968)
Bishop, P.O., see Pettigrew, J.D., et al. **6** 391 (1968)
Bishop, P.O., see Sanderson, K.J., et al. **13** 178 (1971)
Bisti, S., Clement, R., Maffei, L., Mecacci, L.: Spatial Frequency and Orientation Tuning Curves of Visual Neurones in the Cat: Effects of Mean Luminance **27** 335 (1977)
Bisti, S., Iosif, G., Marchesi, G.F., Strata, P.: Pharmacological Properties of Inhibitions in the Cerebellar Cortex **14** 24 (1972)
Bizzi, E., Accornero, N., Chapple, W., Hogan, N.: Arm Trajectory Formation in Monkeys **46** 139 (1982)
Bizzi, E.: Discharge of Frontal Eye Field Neurons During Saccadic and Following Eye Movements in Unanesthetized Monkeys **6** 69 (1968)
Bizzi, E., Schiller, P.H.: Single Unit Activity in the Frontal Eye Fields of Unanesthetized Monkeys During Eye and Head Movement **10** 151 (1970)
Bizzi, E., see Dichgans, J., et al. **18** 548 (1973)
Bizzi, E., see Morasso, P., et al. **16** 492 (1972/73)
Bjursten, L.-M., Norrsell, K., Norrsell, U.: Behavioural Repertory of Cats Without Cerebral Cortex from Infancy **25** 115 (1976)
Blackstad, T.W., see Andersen, P., et al. **1** 236 (1966)
Blair, S.M., see Westheimer, G. **21** 463 (1974)
Blair, S.M., see Westheimer, G. **24** 89 (1975/76)
Blair, S.M., see Eckmiller, R., et al. **21** 241 (1974)
Blair, S.M., see Wallace, M., et al. **33** 19 (1978)
Blake, C.A., see Rodriguez-Sierra, J.F., et al. **48** 272 (1982)
Blake, R., Camisa, J.: Temporal Aspects of Spatial Vision in the Cat **28** 325 (1977)
Blake, R., Levinson, E.: Spatial Properties of Binocular Neurones in the Human Visual System **27** 221 (1977)
Blake, R., Rush, C.: Temporal Properties of Binocular Mechanisms in the Human Visual System **38** 333 (1979/80)
Blake, R., see Camisa, J., et al. **29** 429 (1977)
Blakemore, C., Hillman, P.: An Attempt to Assess the Effects of Monocular Deprivation and Strabismus on Synaptic Efficiency in the Kitten's Visual Cortex **30** 187 (1977)
Blakemore, C., Movshon, J.A., Van Sluyters, R.C.: Modification of the Kitten's Visual Cortex by Exposure to Spatially Periodic Patterns **31** 561 (1978)
Blakemore, C., Tobin, E.A.: Lateral Inhibition Between Orientation Detectors in the Cat's Visual Cortex **15** 439 (1972)
Blakemore, C., see Carpenter, R.H.S. **18** 287 (1973)
Blakemore, C., see Garey, L.J. **28** 259 (1977)
Blakemore, C., see Peck, C.K. **22** 57 (1975)
Blakemore, C., see Rose, D. **20** 1 (1974)
Blakemore, C., see Dürsteler, M.R., et al. **29** 487 (1977)
Blakemore, C., see Mitchell, D.E., et al. **25** 109 (1976)
Bland, B.H., Andersen, P., Ganes, T., Sveen, O.: Automated Analysis of Rhythmicity of Physiologically Identified Hippocampal Formation Neurons **38** 205 (1979/80)
Bland, B.H., see Andersen, P., et al. **17** 152 (1973)
Blanks, R.H.I., Anderson, J.H., Precht, W.: Response Characteristics of Semicircular Canal and Otolith Systems in Cat. I. Responses of Trochlear Motoneurons **32** 509 (1978)
Blanks, R.H.I., Giolli, R.A., Pham, S.V.: Projections of the Medial Terminal Nucleus of the Accessory Optic System upon Pretectal Nuclei in the Pigmented Rat **48** 228 (1982)
Blanks, R.H.I., Precht, W., Giretti, M.L.: Response Characteristics and Vestibular Receptor Convergence of Frog Cerebellar Purkinje Cells. A Natural Stimulation Study **27** 181 (1977)
Blanks, R.H.I., Precht, W.: Functional Characterization of Primary Vestibular Afferents in the Frog **25** 369 (1976)
Blanks, R.H.I., see Anderson, J.H., et al. **32** 491 (1978)
Blanks, R.H.I., see Precht, W., et al. **27** 143 (1977)
Blaustein, J.D., see Rodriguez-Sierra, J.F., et al. **48** 272 (1982)
Blaustein, M.P., see Schweitzer, E.S. **38** 443 (1979/80)
Bledsoe, S.C., Jr., Bobbin, R.P., Thalmann, R., Thalmann, I.: Stimulus-induced Release of Endogenous Amino Acids from Skins Containing the Lateral-line Organ in *Xenopus Laevis* **40** 97 (1980)
Blight, A.R., see Dieringer, N., et al. **47** 407 (1982)
Bliss, T.V.P., see Andersen, P., et al. **13** 222 (1971)
Bliss, T.V.P., see Andersen, P., et al. **13** 208 (1971)
Bloedel, J.R., see Bantli, H. **25** 199 (1976)
Bloedel, J.R., see Tolbert, D.L., et al. **31** 305 (1978)
Bloedel, J.R., see Tolbert, D.L., et al. **30** 425 (1977)
Bloom, F.E., see Pittman, Q.J., et al. **42** 49 (1981)
Blossfeld, U., see Baust, W., et al. **12** 361 (1971)
Blossfeld, U., see Baust, W., et al. **12** 370 (1971)
Blozovski, D.: Deficits in Passive Avoidance Learning in Young Rats Following Mecamylamine Injections in the Hippocampo-entorhinal Area **50** 442 (1983)
Blum, P.S., Abraham, L.D., Gilman, S.: Vestibular, Auditory, and Somatic Input to the Posterior Thalamus of the Cat **34** 1 (1978/1979)
Blum, P.S., see Zarzecki, P., et al. **50** 408 (1983)
Blumhardt, L.D., Halliday, A.M.: Hemisphere Contributions to the Composition of the Pattern-evoked Potential Waveform **36** 53 (1979)
Bobbin, R.P.: Glutamate and Aspartate Mimic the Afferent Transmitter in the Cochlea **34** 389 (1978/1979)
Bobbin, R.P., see Bledsoe, S.C., Jr., et al. **40** 97 (1980)
Boch, R., Fischer, B.: Saccadic Reaction Times and Activation of the Prelunate Cortex: Parallel Observations in Trained Rhesus Monkeys **50** 201 (1983)
Boch, R., see Fischer, B. **44** 129 (1981)
Boch, R., see Fischer, B. **41** 431 (1980/81)
Boch, R., see Fischer, B., et al. **43** 69 (1981)
Bock, G.R., Webster, W.R.: Coding of Spatial Location by Single Units in the Inferior Colliculus of the Alert Cat **21** 387 (1974)
Bock, O.: Non-linear Interaction of the Vestibular and the Eye Tracking System in Man **47** 461 (1982)
Bodoky, M., Réthelyi, M.: Dendritic Arborization and Axon Trajectory of Neurons in the Hypothalamic Arcuate Nucleus of the Rat **28** 543 (1977)
Böhmke, J., see Baust, W., et al. **12** 370 (1971)
Böhmke, J., see Baust, W., et al. **12** 361 (1971)
Boerger, G., see Romahn, G. **32** 423 (1978)
Böttcher, U., see Benecke, R., et al. **23** 13 (1975)
Bohn, H., see Brooks, B.A. **11** 213 (1970)
Bohnert, B., see Baust, W. **7** 169 (1969)
Boisacq-Schepens, N., Hanus, M.: Motor

Cortex Vestibular Responses in the Chloralosed Cat **14** 539 (1972)
Boisacq-Schepens, N., see Roucoux-Hanus, M. **29** 283 (1977)
Boisvert, C., see Roberge, A.G., et al. **32** 19 (1978)
Boivie, J.: The Termination of the Spinothalamic Tract in the Cat. An Experimental Study with Silver Impregnation Methods **12** 331 (1971)
Boles, J., see Jen, L.S., et al. **33** 405 (1978)
Bologa, L., Bisconte, J.-C., Joubert, R., Margules, S., Herschkowitz, N.: Proliferative Activity and Characteristics of Immunocytochemically Identified Oligodendrocytes in Embryonic Mouse Brain Cell Cultures **50** 84 (1983)
Boltz, R.L., Harwerth, R.S.: Fusional Vergence Ranges of the Monkey: A Behavioral Study **37** 87 (1979)
Boltz, R.L., see Harwerth, R.S., et al. **39** 351 (1980)
Bonaventure, N., Wioland, N., Bigenwald, J.: Involvement of GABAergic Mechanisms in the Optokinetic Nystagmus of the Frog **50** 433 (1983)
Bondar, R.L., Roots, B.I.: Neurofibrillar Changes in Goldfish (Carassius auratus L.) Brain in Relation to Environmental Temperature **30** 577 (1977)
Bonds, A.B.: An „Oblique Effect" in the Visual Evoked Potential of the Cat **46** 151 (1982)
Bondy, S.C.: Axonal Transport of Macromolecules. I. Protein Migration in the Central Nervous System **13** 127 (1971)
Bondy, S.C.: Axonal Transport of Macromolecules. II. Nucleic Acid Migration in the Central Nervous System **13** 135 (1971)
Bondy, S.C., see Bonnet, K.A. **26** 185 (1976)
Bonke, B.A., see Scheich, H. **44** 445 (1981)
Bonke, D., see Langner, G., et al. **43** 11 (1981)
Bonnemann, D., see Meyer, D.L., et al. **18** 505 (1973)
Bonnet, K.A., Bondy, S.C.: Transport of RNA along the Optic Pathway of the Chick: An Autoradiographic Study **26** 185 (1976)
Bonvallet, M., see Gary-Bobo, E. **27** 61 (1977)
Borbely, A.A., see Hall, R.D. **11** 93 (1970)
Bornstein, J.C., see Curtis, D.R., et al. **42** 158 (1981)
Bornstein, J.C., see Curtis, D.R., et al. **48** 387 (1982)
Botterman, B.R., see Hamm, T.M., et al. **49** 68 (1983)
Bouchard, R., see Ohye, C., et al. **10** 140 (1970)
Boucher, R., see Ohye, C., et al. **10** 140 (1970)
Boudreau, J.C., Bradley, B.E., Bierer, P.R., Kruger, St., Tsuchitani, Ch.: Single Unit Recordings from the Geniculate Ganglion of the Facial Nerve of the Cat **13** 461 (1971)
Bourke, R.S., Gabelnick, H.L., Young, O.M.: Mediated Transport of Chloride from Blood into Cerebrospinal Fluid **10** 17 (1970)
Bourke, R.S.: Evidence for Mediated Transport of Chloride in Cat Cerebral Cortex *in vitro* **8** 219 (1969)
Bourke, R.S.: Studies of the Development and Subsequent Reduction of Swelling of Mammalian Cerebral Cortex under Isosmotic Conditions *in vitro* **8** 232 (1969)
Bourke, R.S., Nelson, K.M., Naumann, R.A., Young, O.M.: Studies of the Production and Subsequent Reduction of Swelling in Primate Cerebral Cortex under Isosmotic Conditions in vivo **10** 427 (1970)
Bourne, G.H., see Manocha, S.L. **2** 230 (1966)
Bourne, G.H., see Manocha, S.L. **2** 216 (1966)
Bourne, G.H., see Manocha, S.L., et al. **3** 25 (1967)
Bouyer, J.J., see Gioanni, H., et al. **44** 362 (1981)
Bowden, D.M., Goldman, P.S., Rosvold, H.E., Greenstreet, R.L.: Free Behavior of Rhesus Monkeys Following Lesions of the Dorsolateral and Orbital Prefrontal Cortex in Infancy **12** 265 (1971)
Bowman, J.P., Aldes, L.D.: Organization of the Cerebellar Tongue Representation in the Monkey **39** 249 (1980)
Bowman, M.H., see King, J.S., et al. **22** 13 (1975)
Bowsher, D., see Westman, J. **12** 379 (1971)
Bozzao, L., see Fieschi, C., et al. **7** 111 (1969)
Bradford, N., see Tucker, G.S., et al. **48** 263 (1982)
Bradley, B.E., see Boudreau, J.C., et al. **13** 461 (1971)
Bradley, P., Horn, G.: Imprinting. A Study of Cholinergic Receptor Sites in Parts of the Chick Brain **41** 121 (1980/81)
Bradley, P., Horn, G., Bateson, P.: Imprinting. An Electron Microscopic Study of Chick Hyperstriatum Ventrale **41** 115 (1980/81)
Braitenberg, V., Hauser-Holschuh, H.: Patterns of Projection in the Visual System of the Fly: II. Quantitative Aspects of Second Order Neurons in Relation to Models of Movement Perception **16** 184 (1972/73)
Braitenberg, V.: Patterns of Projection in the Visual System of the Fly. I. Retinalamina Projections **3** 271 (1967)
Brand, S., Dahl, A.-L., Mugnaini, E.: The Length of Parallel Fibers in the Cat Cerebellar Cortex. An Experimental Light and Electron Microscopic Study **26** 39 (1976)
Brand, S., Mugnaini, E.: Fulminant Purkinje Cell Death Following Axotomy and its Use for Analysis of the Dendritic Arborization **26** 105 (1976)
Brand, S.J., see Lodge, D., et al. **29** 97 (1977)
Brandt, T., Büchele, W., Arnold, F.: Arthrokinetic Nystagmus and Ego-motion Sensation **30** 331 (1977)
Brandt, T., Dichgans, J., Büchele, W.: Motion Habituation: Inverted Self-Motion Perception and Optokinetic After-Nystagmus **21** 337 (1974)
Brandt, T., see Dichgans, J., et al. **23** 529 (1975)
Brandt, Th., Dichgans, J., Koenig, E.: Differential Effects of Central Versus Peripheral Vision on Egocentric and Exocentric Motion Perception **16** 476 (1972/73)
Brauer, K., Schober, W.: Identification of Geniculotectal Relay Neurons in the Rat's Ventral Lateral Geniculate Nucleus **45** 84 (1982)
Brauer, K., Schober, W., Winkelmann, E.: Two Morphologically Different Types of Retinal Axon Terminals in the Rats's Dorsal Lateral Geniculate Nucleus and their Relationships to X- and Y-channel **36** 523 (1979)
Braun, M., Grasso, A., Wechsler, W.: 14-3-2 Protein in Rat Primary and Transplanted Gliomas and Neurinomas and in Clonal Cell Lines **25** 93 (1976)
Brauth, S.E., Karten, H.J.: Direct Accessory Optic Projections to the vestibulo-Cerebellum: A Possible Channel for Oculomotor Control Systems **28** 73 (1977)
Brenner, D., see Romani, G.L., et al. **47** 381 (1982)
Brettel, H., see Hilz, R., et al. **43** 111 (1981)
Brettel, H., see Hilz, R., et al. **30** 445 (1977)
Brickett, P., see Deecke, L., et al. **48** 144 (1982)
Bricout-Berthout, A., Caston, J.: Tonic Influence from One Labyrinth onto the Contralateral One. An Electrophysiological Study in the Frog **45** 295 (1982)
Brimble, M.J., see Haller, E.W., et al. **33** 131 (1978)
Brink, E.E., Hirai, N., Wilson, V.J.: Influence of Neck Afferents on Vestibulospinal Neurons **38** 285 (1979/80)
Brito, G.N.O., Thomas, G.J., Davis, B.J., Gingold, S.I.: Prelimbic Cortex, Mediodorsal Thalamus, Septum, and Delayed Alternation in Rats **46** 52 (1982)
Brock, M., Ingvar, D.H., Sem Jacobsen, C.W.: Regional Blood Flow in Deep Structures of the Brain Measured in Acute Cat Experiments by Means of a New Beta-Sensitive Semiconductor Needle Detector **4** 126 (1967/68)
Brodal, A., Brodal, P.: The Organization of the Nucleus Reticularis Tegmenti Pon-

tis in the Cat in the Light of Experimental Anatomical Studies of its Cerebral Cortical Afferents **13** 90 (1971)
Brodal, A., Destombes, J., Lacerda, A.M., Angaut, P.: A Cerebellar Projection onto the Pontine Nuclei: An Experimental Anatomical Study in the Cat **16** 115 (1972/73)
Brodal, A., Hoddevik, G.H.: The Pontocerebellar Projection to the Uvula in the Cat **32** 105 (1978)
Brodal, A., Lacerda, A.M., Destombes, J., Angaut, P.: The Pattern in the Projection of the Intracerebellar Nuclei onto the Nucleus Reticularis Tegmenti Pontis in the Cat. An Experimental Anatomical Study **16** 140 (1972/73)
Brodal, A., see Brodal, P. **45** 71 (1982)
Brodal, A., see Sousa-Pinto, A. **8** 364 (1969)
Brodal, A., see Kawamura, K., et al. **19** 1 (1974)
Brodal, A., see Mugnaini, E., et al. **4** 187 (1967/68)
Brodal, A., see Walberg, F., et al. **24** 383 (1975/76)
Brodal, P., Brodal, A.: Further Observations on the Olivocerebellar Projection in the Monkey **45** 71 (1982)
Brodal, P.: The Cortical Projection to the Nucleus Reticularis Tegmenti Pontis to the Cerebellum in the Rhesus Monkey **38** 29 (1979/80)
Brodal, P.: The Cortical Projection to the Nucleus Reticularis Tegmenti Pontis in the Rhesus Monkey **38** 19 (1979/80)
Brodal, P.: The Corticopontine Projection in the Cat. I. Demonstration of a Somatotopically Organized Projection from the Primary Sensorimotor Cortex **5** 210 (1968)
Brodal, P., Walberg, F.: The Pontine Projection to the Cerebellar Anterior Lobe. An Experimental Study in the Cat with Retrograde Transport of Horseradish Peroxidase **29** 233 (1977)
Brodal, P., see Brodal, A. **13** 90 (1971)
Brodal, P., see Holländer, H., et al. **7** 95 (1969)
Broggi, G., see Baldissera, F., et al. **4** 1 (1967/68)
Brooks, B.A.: Neurophysiological Correlates of Brightness Discrimination in the Lateral Geniculate Nucleus of the Squirrel Monkey **2** 1 (1966)
Brooks, B.A., Bohn, H.: Activity in the Optic Tract and Lateral Geniculate Nucleus of the Cat During the First Moments of Light Adaptation in the Scotopic Region **11** 213 (1970)
Brooks, B.A., Impelman, D.M.: Suppressive Effects of a Peripheral Grating Displacement During Saccadic Eye Movement and During Fixation **42** 489 (1981)
Brooks, B.A., Impelman, D.M., Lum, J.T.: Influence of Background Luminance on Visual Sensitivity During Saccadic Eye Movements **40** 322 (1980)
Brooks, B.A., Yates, J.T., Coleman, R.D.: Perception of Images Moving at Saccadic Velocities During Saccades and During Fixation **40** 71 (1980)
Brooks, D., see Creutzfeldt, O.D., et al. **21** 315 (1974)
Brooks, V.B., see Miller, A.D. **41** 146 (1980/81)
Brooks, V.B., see Miller, A.D. **45** 328 (1982)
Brooks, V.B., see Conrad, B., et al. **29** 85 (1977)
Brooks, V.B., see Kennedy, P.R., et al. **47** 95 (1982)
Brotchi, J., Dresse, A., Scuvee-Moreau, J., Gerebtzoff, M.A.: Histochemical Study of Cobalt-Induced Focal Epilepsy **32** 459 (1978)
Brown, A.G.: Cutaneous Afferent Fibre Collaterals in the Dorsal Columns of the Cat **5** 293 (1968)
Brown, A.G., Franz, D.N.: Responses of Spinocervical Tract Neurones to Natural Stimulation of Identified Cutaneous Receptors **7** 231 (1969)
Brown, D.F., Viles, J.M.: Glucose Oxidation in the Ventro-medial Hypothalamus is not Affected by Insulin or Ouabain but Depressed by Alloxan Treatment **40** 464 (1980)
Brown, J.L., Hunsperger, R.W., Rosvold, H.E.: Defence, Attack, and Flight Elicited by Electrical Stimulation of the Hypothalamus of the Cat **8** 113 (1969)
Brown, J.L., Hunsperger, R.W., Rosvold, H.E.: Interaction of Defence and Flight Reactions Produced by Simultaneous Stimulation at Two Points in the Hypothalamus of the Cat **8** 130 (1969)
Brown, J.T., see Chan-Palay, V., et al. **30** 561 (1977)
Brown, L.T., Jr.: Projections and Termination of the Corticospinal Tract in Rodents **13** 432 (1971)
Brownstein, M., see Roizen, M.F., et al. **24** 203 (1975/76)
Bruce, I.C., Tatton, W.G.: Sequential Output-input Maturation of Kitten Motor Cortex **39** 411 (1980)
Bruce, I.C., Tatton, W.G.: Synchronous Development of Motor Cortical Output to Different Muscles in the Kitten **40** 349 (1980)
Bruce, I.S.C., see Malcolm, L.J., et al. **10** 283 (1970)
Brüstle, R., see Freund, H.-J., et al. **16** 60 (1972/73)
Brunngraber, E.G., see Dekirmenjian, H., et al. **8** 97 (1969)
Bruun, A., Ehinger, B., Forsberg, A.: In Vitro Uptake of β-Alanine into Rabbit Retinal Neurons **19** 239 (1974)
Bruzek, W., see Diener, H.C., et al. **45** 126 (1982)
Bryan, R.N., Trevino, D.L., Coulter, J.D., Willis, W.D.: Location of Somatotopic Oranization of the Cells of Origin of the Spino-Cervical Tract **17** 177 (1973)
Bryan, R.N., see Willis, W.D., et al. **17** 169 (1973)
Buchholtz, C.S., see Sanides, D. **34** 197 (1978/1979)
Buchtel, H.A., Iosif, G., Marchesi, G.F., Provini, L., Strata, P.: Analysis of the Activity Evoked in the Cerebellar Cortex by Stimulation of the Visual Pathways **15** 278 (1972)
Buchtel, H.A., see Rizzolatti, G., et al. **38** 37 (1979/80)
Buchwald, N.A., Hull, C.D., Trachtenberg, M.C.: Concomitant Behavioral and Neural Inhibition and Disinhibition in Response to Subcortical Stimulation **4** 58 (1967/68)
Büchele, W., see Brandt, T., et al. **30** 331 (1977)
Büchele, W., see Brandt, T., et al. **21** 337 (1974)
Büdingen, H.J., see Freund, H.-J. **31** 1 (1978)
Büttner, U., Grüsser, O.-J., Schwanz, E.: The Effect of Area and Intensity on the Response of Cat Retinal Ganglion Cells to Brief Light Flashes **23** 259 (1975)
Büttner, U., Henn, V., Oswald, H.P.: Vestibular-Related Neuronal Activity in the Thalamus of the Alert Monkey during Sinusoidal Rotation in the Dark **30** 435 (1977)
Büttner, U., Waespe, W.: Vestibular Nerve Activity in the Alert Monkey During Vestibular and Optokinetic Nystagmus **41** 310 (1980/81)
Büttner, U., see Buettner, U.W. **37** 581 (1979)
Büttner, U., see Waespe, W., et al. **43** 337 (1981)
Buettner, U.W., Büttner, U.: Vestibular Nuclei Activity in the Alert Monkey During Suppression of Vestibular and Optokinetic Nystagmus **37** 581 (1979)
Buhrley, L.E., Reed, D.J.: The Effect of Furosemide on Sodium-22 Uptake into Cerebrospinal Fluid and Brain **14** 503 (1972)
Buisseret, P., Maffei, L.: Extraocular Proprioceptive Projections to the Visual Cortex **28** 421 (1977)
Buisseret, P., see Imbert, M. **22** 25 (1975)
Buisseret, P., see Frégnac, Y., et al. **42** 453 (1981)
Buisseret-Delmas, C., see Alvarado-Mallart, M.R., et al. **23** 167 (1975)
Buisseret-Delmas, C., see Batini, C., et al. **42** 383 (1981)
Buisseret-Delmas, C., see Batini, C., et al. **42** 371 (1981)
Buizza, A., Léger, A., Berthoz, A., Schmid, R.: Otolithic-acoustic Interaction in the Control of Eye Movement **36** 509 (1979)
Buizza, A., Léger, A., Droulez, J.,

Berthoz, A., Schmid, R.: Influence of Otolithic Stimulation by Horizontal Linear Acceleration on Optokinetic Nystagmus and Visual Motion Perception **39** 165 (1980)
Bureš, J., see Matsuura, T. **12** 238 (1971)
Bureš, J., see Aleksanyan, Z.A., et al. **15** 29 (1972)
Bureš, J., see Burešová, O., et al. **2** 168 (1966)
Burešová, O., Fifková, E., Bureš, J.: Pupillary Paralysis Evoked by Thalamic Spreading Depression in Rats **2** 168 (1966)
Burg, J. van der, see Lemon, R.N. **36** 445 (1979)
Burke, D., see Gandevia, S.C., et al. **50** 415 (1983)
Burke, R., Lundberg, A., Weight, F.: Spinal Border Cell Origin of the Ventral Spinocerebellar Tract **12** 283 (1971)
Burke, R.E., see Kanda, K., et al. **29** 57 (1977)
Burke, R.E., see Pinter, M.J., et al. **45** 133 (1982)
Burke, W., see Malcolm, L.J., et al. **10** 283 (1970)
Burkhalter, A., Cuénod, M.: Changes in Pattern Discrimination Learning Induced by Visual Deprivation in Normal and Commissurotomized Pigeons **31** 369 (1978)
Burlet, A.: Estimations Histophotométriques et Dosages Biochimiques des Orthophosphorique-Monoester-Phosphohydrolases Acides du Système Hypothalamo-Neurohypophysaire du Rat Soumis à une Épreuve de Déshydratation **19** 314 (1974)
Burne, R.A., Woodward, D.J.: Visual Cortical Projections to the Paraflocculus in the Rat. An Electrophysiologic Study **49** 55 (1983)
Burne, R.A., see Parnavelas, J.G., et al. **41** 184 (1980/81)
Burns, B., see James, A.E., Jr., et al. **27** 553 (1977)
Burns, S., Wallman, J.: Relation of of Single Unit Properties to the Oculomotor Function of the Nucleus of the Basal Optic Root (Accessory Optic Systems) in Chickens **42** 171 (1981)
Burr, D., Morrone, C., Maffei, L.: Intracortical Inhibition Prevents Simple Cells from Responding to Textured Visual Patterns **43** 455 (1981)
Buser, P., Laurent, J.St., Menini, Ch.: Intervention du colliculus inférieur dans l'élaboration et le controle cortical spécifique des décharges cloniques au son chez le chat sous chloralose **1** 102 (1966)
Buser, P., Richard, D., Lescop, J.: Contrôle, par le cortex sensori-moteur, de la réactivité de cellules réticulaires mésencéphaliques chez le Chat – *Control of Mesencephalic Reticular Cells through Sensorimotor Cortex* **9** 83 (1969)
Buser, P., see Eccles, J.C. **27** 233 (1977)
Buser, P., see Fabre, M. **41** 81 (1980/81)
Buser, P., see McIlwain, J.T. **5** 314 (1968)
Buser, P., see Viala, G. **21** 275 (1974)
Buser, P., see Viala, G. **8** 346 (1969)
Buser, P., see Richard, D., et al. **15** 386 (1972)
Buser, P., see Richard, D., et al. **22** 235 (1975)
Buser, P., see Rougeul, A., et al. **2** 129 (1966)
Buser, P., see Viala, G., et al. **33** 257 (1978)
Bush, R., see Berkley, M.A. **50** 397 (1983)
Butter, C.M., see Leiby, C.C. III, et al. **48** 449 (1982)
Buzsáki, G., Czéh, G.: Commissural and Perforant Path Interactions in the Rat Hippocampus. Field Potentials and Unitary Activity **43** 429 (1981)

C

Caan, W., see Perrett, D.I., et al. **47** 329 (1982)
Caddy, K.W.T., see Martin, M.R. **29** 275 (1977)
Cadenel, G., see Lanoir, J., et al. **48** 137 (1982)
Cadusseau, J., Gaillard, F., Galand, G.: Pineal Response Types in the Frog's Brain Under White Light Exposure **36** 41 (1979)
Cadusseau, J., Galand, G.: Electrophysiological Evidence for White Light Sensitivity of the Encephalon in Eyeless and Pinealectomized Frogs **40** 339 (1980)
Cain, D.P., see Clavier, R.M., et al. **34** 383 (1978/1979)
Calaresu, F.R., see Henry, J.L. **20** 515 (1974)
Calaresu, F.R., see Henry, J.L. **20** 505 (1974)
Calaresu, F.R., see Henry, J.L. **20** 485 (1974)
Calas, A., see Collin, J.P., et al. **25** 15 (1976)
Calas, A., see Héry, M., et al. **47** 465 (1982)
Caldwell, R.B., see Harrell, J.V., et al. **46** 234 (1982)
Callens, M., see Orban, G.A. **30** 107 (1977)
Callens, M., see Orban, G.A. **30** 125 (1977)
Calvet, M.C., Lepault, A.M.: In Vitro Purkinje Cell Electrical Behavior Related to Tissular Environment **23** 249 (1975)
Camarda, R.: Hypercomplex Cell Types in the Area 18 of the Cat **36** 191 (1979)
Camarda, R., Rizzolatti, G.: Receptive Fields of Cells in the Superficial Layers of the Cat's Area 17 **24** 423 (1975/76)
Camarda, R., see Rizzolatti, G. **29** 107 (1977)
Camarda, R., see Rizzolatti, G., et al. **38** 37 (1979/80)
Cameron, W.E., see Murthy, K.S.K., et al. **46** 186 (1982)
Caminiti, R., Innocenti, G.M.: The Postnatal Development of Somatosensory Callosal Connections After Partial Lesions of Somatosensory Areas **42** 53 (1981)
Caminiti, R., Innocenti, G.M., Manzoni, T.: The Anatomical Substrate of Callosal Messages from SI and SII in the Cat **35** 295 (1979)
Caminiti, R., see Innocenti, G.M. **38** 381 (1979/80)
Caminiti, R., see Georgopoulos, A.P., et al. **49** 327 (1983)
Caminiti, R., see Manzoni, T., et al. **39** 1 (1980)
Caminiti, R., see Manzoni, T., et al. **34** 453 (1978/1979)
Camisa, J., Blake, R., Levinson, E.: Visual Movement Perception in the Cat is Directionally Selective **29** 429 (1977)
Camisa, J., see Blake, R. **28** 325 (1977)
Campadelli, P., see Baldissera, F., et al. **48** 455 (1982)
Čanžek, V., Reubi, J.C.: The Effect of Cochlear Nerve Lesion on the Release of Glutamate, Aspartate and GABA from Cat Cochlear Nucleus, in Vitro **38** 437 (1979/80)
Capaday, C., Cooke, J.D.: The Effects of Muscle Vibration on the Attainment of Intended Final Position During Voluntary Human Arm Movements **42** 228 (1981)
Capovilla, M., see Torre, V., et al. **44** 427 (1981)
Car, A., Amri, M.: Etude des Neurones Déglutiteurs Pontiques chez la Brebis. I. Activité et Localisation **48** 345 (1982)
Car, A., Jean, A., Roman, C.: A Pontine Primary Relay for Ascending Projections of the Superior Laryngeal Nerve **22** 197 (1975)
Car, A., Roman, C.: Déglutitions et Contractions Oesophagiennes Réflexes Produites par la Stimulation du Bulbe Rachidien – *Deglutitions and Oesophageal Reflex Contractions Induced by Electrical Stimulation of the Medulla Oblongata* **11** 74 (1970)
Car, A., see Amri, M. **48** 355 (1982)
Car, A., see Roman, C. **11** 48 (1970)
Car, A., see Jean, A., et al. **22** 211 (1975)
Cardo, B., see Simon, H., et al. **20** 375 (1974)
Carmo, R.J. do, see Guedes, R. **39** 341 (1980)
Carmon, A., Dotan, Y., Sarne, Y.: Correlation of Subjective Pain Experience with Cerebral Evoked Responses to Noxious Thermal Stimulations **33** 445 (1978)
Carmon, A., Mor, J., Goldberg, J.:

Evoked Cerebral Responses to Noxious Thermal Stimuli in Humans **25** 103 (1976)
Carpenter, R.H.S., Blakemore, C.: Interactions Between Orientations in Human Vision **18** 287 (1973)
Carstens, E., Klumpp, D., Zimmermann, M.: Time Course and Effective Sites for Inhibition from Midbrain Periaqueductal Gray of Spinal Dorsal Horn Neuronal Responses to Cutaneous Stimuli in the Cat **38** 425 (1979/80)
Casey, K.L., see Frommer, G.P., et al. **27** 113 (1977)
Caspers, H., see Elger, C.E., et al. **28** 385 (1977)
Caspers, H., see Janzen, R.C.W., et al. **28** 405 (1977)
Caston, J., see Bricout-Berthout, A. **45** 295 (1982)
Caston, J., see Gribenski, A. **26** 275 (1976)
Castro-Correia, J., see Sousa-Pinto, A. **11** 515 (1970)
Catravas, G.N., see Valases, C., et al. **40** 261 (1980)
Catsman-Berrevoets, see Kuypers, H.G.J.M., et al. **40** 383 (1980)
Catsman-Berrevoets, C.E., Lemon, R.N., Verburgh, C.A., Bentivoglio, M., Kuypers, H.G.J.M.: Absence of Callosal Collaterals Derived from Rat Corticospinal Neurons. A Study Using Fluorescent Retrograde Tracing and Electrophysiological Techniques **39** 433 (1980)
Cattaneo, A., Maffei, L., Morrone, C.: Two Firing Patterns in the Discharge of Complex Cells Encoding Different Attributes of the Visual Stimulus **43** 115 (1981)
Cazin, L., Magnin, M., Lannou, J.: Noncerebellar Visual Afferents to the Vestibular Nuclei Involving the Prepositus Hypoglossal Complex: An Autoradiographic Study in the Rat **48** 309 (1982)
Cazin, L., see Precht, W. **37** 183 (1979)
Ceccarelli, B., see Andreoli, V., et al. **11** 17 (1970)
Cedergren, E., Johansson, B., Heilbronn, E., Widlund, L.: Ultrastructural Analysis Phospholipase A Induced Changes in Membranes of Synaptic Regions in Rat Motor Cortex **16** 400 (1972/73)
Cerati, E., see Andreoli, V., et al. **11** 17 (1970)
Cervero, F., Iggo, A., Molony, V.: Ascending Projections of Nociceptor-driven Lamina I Neurones in the Cat **35** 135 (1979)
Cervetto, L., see Torre, V., et al. **44** 427 (1981)
Cesa-Bianchi, M.G., Mancia, M., Sotgiu, M.L.: Depolarization of Afferent Fibres to the Goll and Burdach Nuclei Induced by Stimulation of the Brain-Stem **5** 1 (1968)
Cesaro, P., see Albe-Fessard, D., et al. **50** 34 (1983)
Chalupa, L.M., see Fish, S.E. **36** 245 (1979)
Chalupa, L.M., see Emerson, V.F., et al. **45** 168 (1982)
Chalupa, L.M., see Willott, J.F., et al. **28** 443 (1977)
Chan, Y.S., Hwang, J.C., Cheung, Y.M.: Vestibular Function of Saccule in Cats as Indicated by the Response of Deiters' Nucleus to Static Tilts **35** 591 (1979)
Chang, H.T., see Wilson, C.J., et al. **45** 157 (1982)
Chan-Palay, V., Palay, S.L., Brown, J.T., Van Itallie, C.: Sagittal Organization of Olivocerebellar and Reticulocerebellar Projections: Autoradiographic Studies with ^{35}S-Methionine **30** 561 (1977)
Chapman, C.R., Colpitts, Y.H., Mayeno, J.K., Gagliardi, G.J.: Rate of Stimulus Repetition Changes Evoked Potential Amplitude: Dental and Auditory Modalities Compared **43** 246 (1981)
Chapman, C.R., see Chen, A.C.N. **39** 359 (1980)
Chapple, W., see Bizzi, E., et al. **46** 139 (1982)
Charron, L., see Peyronnard, J.M. **50** 125 (1983)
Chataignier, C., see Benoit, O. **17** 348 (1973)
Chatt, A.B., Kenshalo, D.R.: Cerebral Evoked Responses to Skin Warming Recorded from Human Scalp **28** 449 (1977)
Chatzissavidou, A., see Parnavelas, J.G., et al. **41** 184 (1980/81)
Chauhan, M.S., Dakshinamurti, K.: The Elongation of Fatty Acids by Microsomes and Mitochondria from Normal and Pyridoxine-deficient Rat Brains **36** 265 (1979)
Chen, A.C.N., Chapman, C.R.: Aspirin Analgesia Evaluated by Event-related Potentials in Man: Possible Central Action in Brain **39** 359 (1980)
Cheng, M., Outerbridge, J.S.: Optokinetik Nystagmus During Selective Retinal Stimulation **23** 129 (1975)
Cheng, S.-C., see Naruse, H., et al. **1** 40 (1966)
Cheng, S.-C., see Naruse, H., et al. **1** 284 (1966)
Cheng, S.-C., see Naruse, H., et al. **1** 291 (1966)
Cherubini, E., see Rovira, C., et al. **49** 151 (1983)
Cheung, Y.M., see Chan, Y.S., et al. **35** 591 (1979)
Cheung, Y.M., see Hwang, J.C., et al. **40** 346 (1980)
Chevalier, G., Deniau, J.M.: Inhibitory Nigral Influence on Cerebellar Evoked Responses in the Rat Ventromedial Thalamic Nucleus **48** 369 (1982)
Chevalier, G., see Thierry, A.M., et al. **50** 275 (1983)
Chiba, M., see Kawamura, K. **35** 269 (1979)
Chino, Y.M., Shansky, M.S., Hamasaki, D.I.: Development of Receptive Field Properties of Retinal Ganglion Cells in Kittens Raised with a Convergent Squint **39** 313 (1980)
Chino, Y.M., see Shansky, M.S., et al. **43** 57 (1981)
Chiveralls, K., see Whitfield, I.C., et al. **31** 221 (1978)
Chofflon, M., see Rüegg, D.G. **50** 293 (1983)
Chow, K.L., Baumbach, H.D., Lawson, R.: Callosal Projections of the Striate Cortex in the Neonatal Rabbit **42** 122 (1981)
Chow, K.L., see Mathers, L.H., et al. **19** 20 (1974)
Chow, K.L., see Rapisardi, S.C., et al. **22** 295 (1975)
Chowers, I., see Feldman, S., et al. **42** 486 (1981)
Chowers, I., see Puder, M., et al. **46** 85 (1982)
Chowers, I., see Weidenfeld, J., et al. **48** 306 (1982)
Christen, W.G., see Cohen, H.I., et al. **44** 207 (1981)
Christian, E., see West, M.O., et al. **44** 287 (1981)
Chujo, T., Yamada, Y., Yamamoto, C.: Sensitivity of Purkinje Cell Dendrites to Glutamic Acid **23** 293 (1975)
Chujo, T., see Yamamoto, C. **31** 299 (1978)
Chung, J.M., see Webber, Ch.L., Jr., et al. **35** 395 (1979)
Chung, J.W., Hassler, R., Wagner, A.: Degeneration of Two of Nine Types of Synapse in the Putamen after Center Median Coagulati in the Cat **28** 345 (1977)
Chung, J.W., see Hassler, R., et al. **31** 67 (1978)
Cianci, T., see Franzini, C., et al. **43** 87 (1981)
Cicirata, F., see Rispal-Padel, L., et al. **47** 365 (1982)
Cigánek, L.: A Comparative Study of Visual, Auditory and Somatosensory EEG Responses in Man **4** 118 (1967/68)
Cipolla-Neto, J., Horn, G., McCabe, B.J.: Hemispheric Asymmetry and Imprinting: The Effect of Sequential Lesions to the Hyperstriatum ventrale **48** 22 (1982)
Cipolla-Neto, J., see McCabe, B.J., et al. **48** 13 (1982)
Clarke, G., see Lincoln, D.W., et al. **38** 151 (1979/80)
Clarke, M., see Llinás, R., et al. **13** 408 (1971)
Clarke, M., see Precht, W., et al. **13** 378 (1971)
Clarke, P.G.H.: Comparison of Visual Evoked Potentials to Stationary and to Moving Patterns **18** 156 (1973)
Clarke, P.G.H.: Visual Evoked Potentials to Changes in the Motion of a Patterned Field **18** 145 (1973)

Clavier, R.M., Cain, D.P., Cooley, R.K.: Typical Albino Retinofugal Projections Despite Severe Congenital Optic Nerve Malformations in Adult Albino Rats **34** 383 (1978/1979)
Cleland, B.G., see Kirk, D.L., et al. **23** 85 (1975)
Cleland, B.G., see Lee, B.B., et al. **30** 527 (1977)
Clemens, J.A., Sawyer, B.D.: Identification of Prolactin in Cerebrospinal Fluid **21** 399 (1974)
Clemens, J.A., Shaar, C.J., Kleber, J.W., Tandy, W.A.: Reciprocal Control by the Preoptic Area of LH and Prolactin **12** 250 (1971)
Clément, G., Courjon, J.H., Jeannerod, M., Schmid, R.: Unidirectional Habituation of Vestibulo-ocular Responses by Repeated Rotational or Optokinetic Stimulations in the Cat **42** 34 (1981)
Clement, R., see Bisti, S., et al. **27** 335 (1977)
Clementi, F., see Andreoli, V., et al. **11** 17 (1970)
Clendenin, M., Ekerot, C.-F., Oscarsson, O., Rosén, I.: The Lateral Reticular Nucleus in the Cat. I. Mossy Fibre Distribution in Cerebellar Cortex **21** 473 (1974)
Clendenin, M., Ekerot, C.-F., Oscarsson, O., Rosén, I.: The Lateral Reticular Nucleus in the Cat. II. Organization of Component Activated from Ispilateral Forelimb Tract **21** 501 (1974)
Clendenin, M., Ekerot, C.-F., Oscarsson, O., Rosén, I.: The Lateral Reticular Nucleus in the Cat. II. Organization of Component Activated from Bilateral Ventral Flexor Reflex Tract (bVFRT) **21** 487 (1974)
Clendenin, M., Ekerot, C.-F., Oscarsson, O.: The Lateral Reticular Nucleus in the Cat. IV. Activation from Dorsal Funiculus and Trigeminal Afferents **24** 131 (1975/76)
Cleveland, S., see Ganguly, D.K., et al. **25** 35 (1976)
Clineschmidt, B.V., Anderson, E.G.: The Blockade of Bulbospinal Inhibition by 5-Hydroxytryptamine Antagonists **11** 175 (1970)
Clopton, B.M., Silverman, M.S.: Changes in Latency and Duration of Neural Responding Following Developmental Auditory Deprivation **32** 39 (1978)
Clopton, B.M., see Bengry, M.F., et al. **28** 211 (1977)
Clough, R.W., see Rodriguez-Sierra, J.F., et al. **48** 272 (1982)
Coenen, A.M.L., Eijkman, E.G.J.: Cat Optic Tract and Geniculate Unit Responses Corresponding to Human Visual Masking Effects **15** 441 (1972)
Coenen, A.M.L., Gerrits, H.J.M., Vendrik, A.J.H.: Analysis of the Responses Characteristics of Optic Tract and Geniculate Units and Their Mutual Relationship **15** 452 (1972)
Coenen, A.M.L., Vendrik, A.J.H.: Determination of the Transfer Ratio of Cat's Geniculate Neurons Through Quasi-Intracellular Recordings and the Relation with the Level of Alertness **14** 227 (1972)
Coenen, A.M.L., see Moors, J., et al. **19** 343 (1974)
Cohen, A.H., Wallén, P.: The Neuronal Correlate of Locomotion in Fish. „Fictive Swimming" Induced in an in Vitro Preparation of the Lamprey Spinal Cord **41** 11 (1980/81)
Cohen, B., see Raphan, T., et al. **35** 229 (1979)
Cohen, B., see Waespe, W., et al. **50** 9 (1983)
Cohen, D.H., Trauner, D.A.: Studies of Avian Visual Pathways Involved in Cardiac Conditioning: Nucleus Rotundus and Ectostriatum **7** 133 (1969)
Cohen, H.I., Christen, W.G., Winters, R.W.: Spatial Summation of Signals and Adaptation by the Surround Response Mechanism of Cat Retinal Ganglion Cells **44** 207 (1981)
Cohen, H.I., Winters, R.W., Hamasaki, D.I.: Response of X and Y Cat Retinal Ganglion Cells to Moving Stimuli **38** 299 (1979/80)
Cohen, K., see Finger, S., et al. **10** 340 (1970)
Cohen, M.I., see Gootman, P.M. **13** 1 (1971)
Cohen, R.S.: The Dependence of Water Content and „Extracellular" Marker Spaces of Incubated Mouse Brain Slices on Thickness. Alterations Produced by Slicing, and Fluid Spaces in Intact and Altered Tissue **20** 435 (1974)
Cohen, R.S.: The Contribution of Adherent Films of Liquid on the Cut Surfaces of Mouse Brain Slices to Tissue Water and „Extracellular" Marker Spaces **20** 421 (1974)
Colasanti, B.K., see Hoover, D.B., et al. **29** 501 (1977)
Coleman, R.D., see Brooks, B.A., et al. **40** 71 (1980)
Coles, R.B., see Kirsch, M., et al. **38** 375 (1979/80)
Collewijn, H.: Optokinetic and Vestibulo-Ocular Reflexes in Dark-Reared Rabbits **27** 287 (1977)
Collewijn, H., Winterson, B.J., Steen, J. van der: Postrotatory Nystagmus and Optokinetic After-nystagmus in the Rabbit Linear Rather than Exponential Decay **40** 330 (1980)
Collin, J.P., Calas, A., Juillard, M.T.: The Avian Pineal Organ. Distribution of Exogenous Indoleamines: A Qualitative Study of the Rudimentary Photoreceptor Cells by Electron Microscopic Radioautography **25** 15 (1976)
Collin, N.G., Cowey, A.: The Effect of Frontal Eye-Fields and Superior Colliculi on Visual Stability and Movement Discrimination in Rhesus Monkey **40** 251 (1980)
Colpitts, Y.H., see Chapman, C.R., et al. **43** 246 (1981)
Comis, S.D., Leng, G.: Action of Putative Neurotransmitters in the Guinea Pig Cochlea **36** 119 (1979)
Commentz, J.C., see Welker, H.A., et al. **50** 426 (1983)
Condé, H., see Bénita, M. **12** 204 (1971)
Condé, H., see Bénita, M., et al. **34** 435 (1978/1979)
Condé, H., see Dormont, J.F., et al. **48** 315 (1982)
Condé, H., see Schmied, A., et al. **36** 285 (1979)
Conforti, N., see Feldman, S. **44** 232 (1981)
Conforti, N., see Feldman, S., et al. **42** 486 (1981)
Conforti, N., see Puder, M., et al. **46** 85 (1982)
Conforti, N., see Weidenfeld, J., et al. **48** 306 (1982)
Conrad, B., Wiesendanger, M., Matsunami, K., Brooks, V.B.: Precentral Unit Activity Related to Control of Arm Movements **29** 85 (1977)
Conrad, C.D., Stumpf, W.E.: Direct Visual Input to the Limbic System: Crossed Retinal Projections to the Nucleus Anterodorsalis Thalami in the Tree Shrew **23** 141 (1975)
Conrath-Verrier, M., see Batini, C., et al. **42** 383 (1981)
Conrath-Verrier, M., see Batini, C., et al. **42** 371 (1981)
Contreras, N.E.I.R., Bachelard, H.S.: Some Neurochemical Studies on Auditory Regions of Mouse Brain **36** 573 (1979)
Conway, D.H., see O'Keefe, J. **31** 573 (1978)
Conway, J.L., Timberlake, G.T., Skavenski, A.A.: Oculomotor Changes in Cats Reared Without Experiencing Continuous Retinal Image Motion **43** 229 (1981)
Cook, J.R., Wiesendanger, M.: Input from Trigeminal Cutaneous Afferents to Neurones of the Inferior Olive in Rats **26** 193 (1976)
Cooke, J.D., Eastman, M.J.: Long-Loop Reflexes in the Tranquilized Monkey **27** 491 (1977)
Cooke, J.D., Larson, B., Oscarsson, O., Sjölund, B.: Organization of Afferent Connections to Cuneocerebellar Tract **13** 359 (1971)
Cooke, J.D., Larson, B., Oscarsson, O., Sjölund, B.: Origin and Termination of Cuneocerebellar Tract **13** 339 (1971)
Cooke, J.D., see Capaday, C. **42** 228 (1981)
Cooke, J.D., see Vilis, T. **25** 247 (1976)

Cooley, R.K., see Clavier, R.M., et al. **34** 383 (1978/1979)

Cooper, S.J., Rolls, E.T.: Relation of Activation of Neurones in the Pons and Medulla to Brain-Stimulation Reward **20** 207 (1974)

Coquery, J.-M., see Mark, R.F., et al. **6** 130 (1968)

Cordeau, J.P., see Filion, M., et al. **12** 499 (1971)

Cordeau, J.P., see Lamarre, Y., et al. **12** 480 (1971)

Cordo, P.J., see Nashner, L.M. **43** 395 (1981)

Correll, R.E., Scoville, W.B.: Significance of Delay in the Performance of Monkeys with Medial Temporal Lobe Resections **4** 85 (1967/68)

Corvisier, J., see Alvarado-Mallart, M.R., et al. **23** 167 (1975)

Corvisier, J., see Batini, C., et al. **26** 407 (1976)

Cotman, C.W., see Lee, K.S., et al. **29** 475 (1977)

Cotman, C.W., see Steward, O., et al. **26** 423 (1976)

Cotman, C.W., see Steward, O., et al. **18** 396 (1973)

Cotman, C.W., see Steward, O., et al. **20** 45 (1974)

Cottee, L.J., see Hale, P.T., et al. **45** 217 (1982)

Cotter, J.R., see Erickson, R.R. **49** 143 (1983)

Cotter, J.R., see Pentney, R.P. **41** 427 (1980/81)

Coulmance, M., Gahéry, Y., Massion, J., Swett, J.E.: The Placing Reaction in the Standing Cat: A Model for the Study of Posture and Movement **37** 265 (1979)

Coulmance, M., see Vedel, J.P. **22** 129 (1975)

Coulter, J.D., see Bryan, R.N., et al. **17** 177 (1973)

Courageot, J., see Louis, J.C., et al. **42** 63 (1981)

Courjon, J.H., Jeannerod, M., Ossuzio, I., Schmidt, R.: The Role of Vision in Compensation of Vestibulo Ocular Reflex after Hemilabyrinthectomy in the Cat **28** 235 (1977)

Courjon, J.H., see Clément, G., et al. **42** 34 (1981)

Courjon, J.H., see Kennedy, H., et al. **48** 279 (1982)

Courjon, J.H., see Sutkonen, P.T.S., et al. **28** 249 (1977)

Courten, C. de, Garey, L.J.: Morphology of the Neurons in the Human Lateral Geniculate Nucleus and Their Normal Development. A Golgi Study **47** 159 (1982)

Courville, J.: Somatotopical Organization of the Projection from the Nucleus Interpositus Anterior of the Cerebellum to the Red Nucleus. An Experimental Study in the Cat with Silver Impregnation Methods **2** 191 (1966)

Courville, J., see Saint-Cyr, J.A. **45** 333 (1982)

Courville, J., see Richmond, F.J.R., et al. **47** 239 (1982)

Cowan, W.M., see Gerfen, C.R., et al. **48** 443 (1982)

Cowey, A., Franzini, C.: The Retinal Origin of Uncrossed Optic Nerve Fibres in Rats and their Role in Visual Discrimination **35** 443 (1979)

Cowey, A., Gross, C.G.: Effects of Foveal Prestriate and Inferotemporal-Lesions on Visual Discrimination by Rhesus Monkeys **11** 128 (1970)

Cowey, A., Henken, D.B., Perry, V.H.: Effects on Visual Acuity of Neonatal or Adult Tectal Ablation in Rats **48** 149 (1982)

Cowey, A., Parkinson, A.M.: Effects of Sectioning the Corpus Callosum on Interocular Transfer in Hooded Rats **18** 433 (1973)

Cowey, A., Perry, V.H.: The Projection of the Temporal Retina in Rats, Studied by Retrograde Transport of Horseradish Peroxidase **35** 457 (1979)

Cowey, A., Rolls, E.T.: Human Cortical Magnification Factor and its Relation to Visual Acuity **21** 447 (1974)

Cowey, A., see Collin, N.G. **40** 251 (1980)

Cowey, A., see Perry, V.H. **35** 85 (1979)

Cowey, A., see Perry, V.H. **35** 97 (1979)

Cowey, A., see Perry, V.H. **43** 226 (1981)

Cowey, A., see Rolls, E.T. **10** 298 (1970)

Cowey, A., see Jeffery, G., et al. **44** 34 (1981)

Coyle, J.T., see Johnston, M.V., et al. **43** 159 (1981)

Cozzens, B.A., see Craik, R.L., et al. **45** 399 (1982)

Crago, P.E., see Rymer, W.Z., et al. **37** 93 (1979)

Craig, C.R., see Hoover, D.B., et al. **29** 501 (1977)

Craik, R.L., Cozzens, B.A., Freedman, W.: The Role of Sensory Conflict on Stair Descent Performance in Humans **45** 399 (1982)

Cramer, H.: Zur Inkorporation von ^{3}H-Phenylalanin in Proteine der circumventrikulären Organe bei Katzen und Meerschweinchen. Autoradiographische Untersuchung – *On the Incorporation of Tritiated Phenylalanine into Proteins of Circumventricular Structures* **11** 343 (1970)

Cramer, H., see Hishikawa, Y., et al. **7** 84 (1969)

Cramon, D. von, see Zihl, J. **35** 419 (1979)

Cramon, D. von, see Zihl, J., et al. **27** 245 (1977)

Crandall, P.H., see Babb, T.L., et al. **47** 317 (1982)

Crepel, F.: Excitatory and Inhibitory Processes Acting Upon Cerebellar Purkinje Cells During Maturation in the Rat; Influence of Hypothyroidism **20** 403 (1974)

Crepel, F.: Maturation of the Cerebellar Purkinje Cells II. Hypothyroidism and Ontogenesis of Cerebellar Purkinje Cell Spontaneous Firing **14** 472 (1972)

Crepel, F.: Maturation of the Cerebellar Purkinje Cells I. Postnatal Evolution of the Purkinje Cell Spontaneous Firing in the Rat **14** 463 (1972)

Crepel, F., see Dupont, J.L. **37** 525 (1979)

Crepel, F., see Korn, H., et al. **16** 255 (1972/73)

Creutzfeldt, O.D., Garey, L.J., Kuroda, R., Wolff, J.R.: The Distribution of Degenerating Axons after Small Lesions in the Intact and Isolated Visual Cortex of the Cat **27** 419 (1977)

Creutzfeldt, O.D., Hellweg, F.C., Schreiner, Chr.: Thalamocortical Transformation of Responses to Complex Auditory Stimuli **39** 87 (1980)

Creutzfeldt, O.D., Innocenti, G.M., Brooks, D.: Vertical Organization in the Visual Cortex (Area 17) in the Cat **21** 315 (1974)

Creutzfeldt, O.D., Ito, M.: Functional Synaptic Organization of Primary Visual Cortex Neurones in the Cat **6** 324 (1968)

Creutzfeldt, O.D., Kuhnt, U., Benevento, L.A.: An Intracellular Analysis of Visual Cortical Neurones to Moving Stimuli: Responses in a Co-Operative Neuronal Network **21** 251 (1974)

Creutzfeldt, O.D., Lee, B.B., Elepfandt, A.: A Quantitative Study of Chromatic Organisation and Receptive Fields of Cells in the Lateral Geniculate Body of the Rhesus Monkey **35** 527 (1979)

Creutzfeldt, O.D., see Singer, W. **10** 311 (1970)

Creutzfeldt, O.D., see Singer, W. **7** 195 (1969)

Creutzfeldt, O.D., see Watanabe, S. **1** 48 (1966)

Creutzfeldt, O.D., see Aebersold, H., et al. **42** 127 (1981)

Creutzfeldt, O.D., see Guedes, R., et al. **49** 13 (1983)

Creutzfeldt, O.D., see Hess, R., et al. **22** 415 (1975)

Creutzfeldt, O.D., see Ito, M., et al. **28** 21 (1977)

Creutzfeldt, O.D., see Lee, B.B., et al. **27** 51 (1977)

Creutzfeldt, O.D., see Lee, B.B., et al. **30** 527 (1977)

Creutzfeldt, O.D., see Lee, B.B., et al. **35** 547 (1979)

Creutzfeldt, O.D., see Lee, B.B., et al. **27** 301 (1977)

Creutzfeldt, O.D., see Mucke, L., et al. **46** 1 (1982)

Creutzfeldt, O.D., see Noda, H., et al. **12** 406 (1971)

Creutzfeldt, O.D., see Noda, H., et al. **12** 389 (1971)
Creutzfeldt, O.D., see Schultz, W., et al. **24** 365 (1975/76)
Creutzfeldt, O.D., see Singer, W., et al. **14** 210 (1972)
Creutzfeldt, O.D., see Tsumoto, T., et al. **34** 351 (1978/1979)
Creutzfeldt, O.D., see Tsumoto, T., et al. **32** 345 (1978)
Creutzfeldt, O.D., see Virsu, V., et al. **27** 35 (1977)
Creutzfeldt, O.D., see Watanabe, S., et al. **1** 272 (1966)
Crewther, S.G., see Peck, C.K., et al. **34** 401 (1978/1979)
Crommelinck, M., see Guitton, D., et al. **39** 63 (1980)
Crommelinck, M., see Roucoux, A., et al. **39** 75 (1980)
Crousillat, J., Ranieri, F.: Mécanorécepteurs Splanchniques de la Voie Biliaire et de son Péritoine – *Splanchnic Gall Bladder Mechanoreceptors* **40** 146 (1980)
Crousillat. J., see Perrin, J. **37** 405 (1979)
Crousillat, J., see Ranieri, F., et al. **16** 276 (1972/73)
Csillag, A., see Tozalakian, P.V. **46** 24 (1982)
Csillag, A., see Hajós, F., et al. **33** 91 (1978)
Csillag, A., see Hajós, F., et al. **35** 387 (1979)
Csillik, B., see Halász, N. **9** 73 (1969)
Csillik, B., see Joó, F. **1** 147 (1966)
Csillik, B., see Knyihár, E. **26** 73 (1976)
Csillik, B., see Knyihár, E. **11** 1 (1970)
Cuello, A.C., see Jaffé, E.H., et al. **50** 100 (1983)
Cuénod, M., see Burkhalter, A. **31** 369 (1978)
Cuénod, M., see Robert, F. **9** 116 (1969)
Cuénod, M., see Robert, F. **9** 123 (1969)
Cuénod, M., see Schonbach, J. **12** 275 (1971)
Cuénod, M., see Meier, R.E., et al. **19** 351 (1974)
Cull, R.E.: Effect of Sensory Nerve Division on the Afferent Synapses of Axotomised Motor Neurones **22** 421 (1975)
Cull, R.E.: Rôle of Nerve-Muscle Contact in Maintaining Synaptic Connections **20** 307 (1974)
Cull, R.E.: Rôle of Axonal Transport in Maintaining Central Synaptic Connections **24** 97 (1975/76)
Cullheim, S., Risling, M.: Observations on the Morphology and the Axon Conduction Velocity of Axotomized and Regenerating Sciatic Motoneurons in the Kitten **45** 428 (1982)
Cummins, K.L., see Kocsis, J.D., et al. **47** 151 (1982)
Cupello, A., Hydén, H.: Studies on RNA Metabolism in the Nerve Cells of Hippocampus during Training in Rats **31** 143 (1978)
Curthoys, I.S.: Postnatal Development Changes in the Response of Rat Primary Horizontal Semicircular Canal Neurons to Sinusoidal Angular Accelerations **47** 295 (1982)
Curthoys, I.S.: The Response of Primary Horizontal Semicircular Canal Neurons in the Rat and Guinea Pig to Angular Acceleration **47** 286 (1982)
Curthoys, I.S., see Nakao, S., et al. **40** 283 (1980)
Curtis, D.R., Duggan, A.W., Johnston, G.A.R.: The Specificity of Strychnine as a Glycine Antagonist in the Mammalian Spinal Cord **12** 547 (1971)
Curtis, D.R., Duggan, A.W., Johnston, G.A.R.: The Inactivation of Extracellularly Administered Amino Acids in the Feline Spinal Cord **10** 447 (1970)
Curtis,. D.R., Game, C.J.A., Lodge, D.: The In Vivo Inactivation of GABA and Other Inhibitory Amino Acids in the Cat Nervous System **25** 413 (1976)
Curtis, D.R., Hösli, L., Johnston, G.A.R.: A Pharmacological Study of the Depression of Spinal Neurones by Glycine and Related Amino Acids **6** 1 (1968)
Curtis, D.R., Hösli, L., Johnston, G.A.R., Johnston, I.H.: The Hyperpolarization of Spinal Motoneurones by Glycine and Related Amino Acids **5** 235 (1968)
Curtis, D.R., Lodge, D., Bornstein, J.C., Peet, M.J., Leah, J.D.: The Dual Effects of GABA and Related Amino Acids on the Electrical Threshold of Ventral Horn Group Ia Afferents Terminations in the Cat **48** 387 (1982)
Curtis, D.R., Lodge, D.: The Depolarization of Feline Ventral Horn Group Ia Spinal Afferent Terminations by GABA **46** 215 (1982)
Curtis, D.R., Logde, D., Bornstein, J.C., Peet, M.J.: Selective Effects of (–)-Baclofen on Spinal Synaptic Transmission in the Cat **42** 158 (1981)
Curtis, D.R., Ryall, R.W.: The Excitation of Renshaw Cells by Cholinomimetics **2** 49 (1966)
Curtis, D.R., Ryall, R.W.: The Acetylcholine Receptors of Renshaw Cells **2** 66 (1966)
Curtis, D.R., Ryall, R.W.: The Synaptic Excitation of Renshaw Cells **2** 81 (1966)
Curtis, D.R., Ryall, R.W.: Pharmacological Studies upon Spinal Presynaptic Fibres **1** 195 (1966)
Curtis, D.R., Ryall, R.W., Watkins, J.C.: The Action of Cholinomimetics on Spinal Interneurones **2** 97 (1966)
Curtis, D.R., Tebēcis, A.K.: Bicuculline and Thalamic Inhibition **16** 210 (1972/73)
Curtis, D.R., see Lodge, D., et al. **29** 97 (1977)
Curtis, D.R., see McCulloch, R.M., et al. **21** 515 (1974)
Cynader, M., Berman, N., Hein, A.: Recovery of Function in Cat Visual Cortex Following Prolonged Deprivation **25** 139 (1976)
Cynader, M., Berman, N., Hein, A.: Cats Raised in a One-Directional World: Effects on Receptive Fields in Visual Cortex and Superior Colliculus **22** 267 (1975)
Cynader, M., see Berman, N. **25** 131 (1976)
Cynader, M., see Harris, L.R. **44** 57 (1981)
Cynader, M., see Harris, L.R. **44** 41 (1981)
Czéh, G.: Ventral Root Elicited Depression on the Dorsal Root Evoked Response in Frog Motoneurons **27** 441 (1977)
Czéh, G., see Buzsáki, G. **43** 429 (1981)
Czéh, G., see Székely, G., et al. **9** 53 (1969)

D

D'Adamo, A.F., Jr., Gidez, L.I., Yatsu, F.M.: Acetyl Transport Mechanisms. Involvement of N-Acetyl Aspartic Acid in *de novo* Fatty Acid Biosynthesis in the Developing Rat Brain **5** 267 (1968)
Dafny, N., Dauth, G., Gilman, S.: A Direct Input from Amygdaloid Complex to Caudate Nucleus of the Rat **23** 203 (1975)
Dahl, A.-L., see Brand, S., et al. **26** 39 (1976)
Dainat, J., see Rebière, A. **25** 511 (1976)
Dakshinamurti, K., LeBlancq, W.D., Herchl, R., Havlicek, V.: Nonparallel Changes in Brain Monoamines of Pyridoxine-Deficient Growing Rats **26** 355 (1976)
Dakshinamurti, K., see Chauhan, M.S. **36** 265 (1979)
Dakshinamurti, K., see Stephens, M.C. **25** 465 (1976)
Dalbera, A., see Gioanni, H., et al. **50** 248 (1983)
Dalbera, A., see Gioanni, H., et al. **50** 237 (1983)
Dam, M., see Nielsen, M.H., et al. **12** 447 (1971)
Dames, W., Joó, F., Wolff, J.R.: A Method of Localized and Longlasting Microapplication of Drugs into Nervous Tissue of Freely Moving Animals **36** 259 (1979)
Daniels, J.D., Norman, J.L., Pettigrew, J.D.: Biases for Oriented Moving Bars in Lateral Geniculate Nucleus Neurons of Normal and Stripe-Reared Cats **29** 155 (1977)
Danscher, G., Haug, F.-M.Š., Fredens, K.: Effect of Diethyldithiocarbamate (DEDTC) on Sulphide Silver Stained Boutons. Reversible Blocking of Timm's Sulphide Silver Stain for „Heavy" Met-

als in DEDTC Treated Rats (Light Microscopy) **16** 521 (1972/73)
Darian-Smith, I., see Morley, J.W., et al. **49** 291 (1983)
Darian-Smith, I., see Sanderson, K.J., et al. **13** 178 (1971)
Darlot, C., López-Barneo, J., Tracey, D.: Asymmetries of Vertical Vestibular Nystagmus in the Cat **41** 420 (1980/81)
Daunton, N., Thomsen, D.: Visual Modulation of Otholith-dependent Units in Cat Vestibular Nuclei **37** 173 (1979)
Dauth, G., see Dafny, N., et al. **23** 203 (1975)
Dauzat, M., see Romand, R. **45** 265 (1982)
Davies, J., Watkins, J.C.: Role of Excitatory Amino Acid Receptors in Mono-and Polysynaptic Excitation in the Cat Spinal Cord **49** 280 (1983)
Davies, L.P.: ATP in Cholinergic Nerves: Evidence for the Axonal Transport of a Stable Pool **33** 149 (1978)
Davies, L.P., Whittacker, V.P., Zimmermann, H.: Axonal Transport in the Electromotor Nerves of the Torpedo Marmorata **30** 493 (1977)
Davis, B., see Benevento, L.A. **30** 405 (1977)
Davis, B.J., see Brito, G.N.O., et al. **46** 52 (1982)
Dawidowicz, K., see Hernández, A.G., et al. **33** 325 (1978)
De Stefano, M., Morelli, M., Marzi, C.A., Berlucchi, G.: Hemispheric Control of Unilateral and Bilateral Movements of Proximal and Distal Parts of the Arm as Inferred from Simple Reaction Time to Lateralized Light Stimuli in Man **38** 197 (1979/80)
De Vitry, F., see Benda, P., et al. **23** 29 (1975)
Deadwyler, S.A., see West, M.O., et al. **44** 287 (1981)
Dean, A.F., Tolhurst, D.J., Walker, N.S.: Non-linear Temporal Summation by Simple Cells in Cat Striate Cortex Demonstrated by Failure of Superposition **45** 456 (1982)
Dean, A.F.: The Variability of Discharge of Simple Cells in the Cat Striate Cortex **44** 437 (1981)
Dean, A.F., see Tolhurst, D.J., et al. **44** 340 (1981)
Dean, A.F., see Tolhurst, D.J., et al. **38** 431 (1979/80)
Dean, P.: Grating Detection and Visual Acuity After Lesions of Striate Cortex in Hooded Rats **43** 145 (1981)
Dean, P.: Visual Cortex Ablation and Thresholds for Successively Presented Stimuli in Rhesus Monkeys: II. Hue **35** 69 (1979)
Dean, P.: Visual Cortex Ablation and Thresholds for Successively Presented Stimuli in Rhesus Monkeys: I. Orientation **32** 445 (1978)
Decandia, M., Eldred, E., Grover, F.S.: Effects of Prolonged Stretch of Flexor Muscles Upon Excitability of an Extensor Reflex Arc **12** 161 (1971)
Decandia, M., Gasteiger, E.L., Mann, M.D.: Excitability Changes of Extensor Motoneurons and Primary Afferent Endings During Prolonged Stimulation of Flexor Afferents **12** 150 (1971)
Decandia, M., Provini, L., Táboffková, H.: Presynaptic Inhibition of the Monosynaptic Reflex Following the Stimulation of Nerves to Extensor Muscles of the Ankle **4** 34 (1967/68)
Dechesne, C., see Sans, A. **40** 358 (1980)
Deecke, L., Scheid, P., Kornhuber, H.H.: Distribution of Readiness Potential, Premotion Positivity, and Motor Potential of the Human Cerebral Cortex Preceding Voluntary Finger Movements **7** 158 (1969)
Deecke, L., Schwarz, D.W.F., Fredrickson, J.M.: Nucleus Ventroposterior Inferior (VPI) as the Vestibular Thalamic Relay in the Rhesus Monkey. I. Field Potential Investigation **20** 88 (1974)
Deecke, L., Schwarz, D.W.F., Fredrickson, J.M.: Vestibular Responses in the Rhesus Monkey Ventroposterior Thalamus. II. Vestibulo-Proprioceptive Convergence at Thalamic Neurons **30** 219 (1977)
Deecke, L., Weinberg, H., Brickett, P.: Magnetic Fields of the Human Brain Accompanying Voluntary Movement: Bereitschaftsmagnetfeld **48** 144 (1982)
Deecke, L., see Mergner, T., et al. **49** 198 (1983)
Deecke, L., see Mergner, T., et al. **44** 455 (1981)
Deecke, L., see Schwarz, D.W.F., et al. **17** 516 (1973)
DeFeudis, F.V., see Martin del Rio, R., et al. **28** 225 (1977)
DeFeudis, P., see Delgado-García, J.M., et al. **25** 79 (1976)
DeFrance, J.F., Kitai, S.T., Shimono, T.: Electrophysiological Analysis of the Hippocampal-Septal Projections: II. Functional Characteristics **17** 463 (1973)
DeFrance, J.F., Kitai, S.T., Shimono, T.: Electrophysiological Analysis of the Hippocampal-Septal Projections: I. Response and Topographical Characteristics **17** 447 (1973)
DeFrance, J.F., see Kitai, S.T., et al. **21** 403 (1974)
DeFrance, J.F., see Kitai, S.T., et al. **21** 419 (1974)
Deguchi, T., see Iwata, N., et al. **13** 519 (1971)
Dekirmenjian, H., Brunngraber, E.G., Lemkey Johnston, N., Larramendi, L.M.H.: Distribution of Gangliosides, Glycoprotein-NANA and Acetylcholinesterase in Axonal and Synaptosomal Fractions of Cat Cerebellum **8** 97 (1969)
Dekirmenjian, H., see Lemkey-Johnston, N. **11** 392 (1970)
Del Cerro, M.P., Snider, R.S., Oster, M.L.: Subcellular Fractions of Adult and Developing Rat Cerebellum **8** 311 (1969)
Delacour, J.: Conditioned Modifications of Arousal and Unit Activity in the Rat Hippocampus **38** 95 (1979/80)
Delacour, J.: Cortex Inférotemporal et Mémoire Visuelle à Court Terme chez le Singe. Nouvelles Données **28** 301 (1977)
Delerm, B., Delsaut, M., Roy, J.C.: Mesencephalic and Bulbar Reticular Control of Skin Potential Responses in Kittens **46** 209 (1982)
Delgado, J.M.R., see Delgado-García, J.M., et al. **25** 79 (1976)
Delgado-García, J.M., Grau, C., DeFeudis, P., Pozo, F. del, Jimenez, J.M., Delgado, J.M.R.: Ultradian Rhythms in the Mobitlity and Behavior of Rhesus Monkeys **25** 79 (1976)
Deliagina, T.G., Feldman, A.G.: Activity of Renshaw Cells During Fictive Scratch Reflex in the Cat **42** 108 (1981)
Delius, J.D.: Neural Substrates of Vocalizations in Gulls and Pigeons **12** 64 (1971)
Delius, J.D., see Parker, D.M. **14** 198 (1972)
Delsaut, M., see Delerm, B., et al. **46** 209 (1982)
Demaine, C., see Semm, P., et al. **43** 361 (1981)
Demonte, M.L., see Andreoli, V., et al. **11** 17 (1970)
Deniau, J.M., Hammond, C., Riszk, A., Feger, J.: Electrophysiological Properties of Identified Output Neurons of the Rat Substantia Nigra (Pars Compacta and Pars Reticulata): Evidences for the Existence of Branched Neurons **32** 409 (1978)
Deniau, J.M., Kitai, S.T., Donoghue, J.P., Grofova, I.: Neuronal Interactions in the Substantia Nigra Pars Reticulata Through Axon Collaterals of the Projection Neurons. An Electrophysiological and Morphological Study **47** 105 (1982)
Deniau, J.M., see Chevalier, G. **48** 369 (1982)
Denney, D., Adorjani, C.: Orientation Specificity of Visual Neurons After Head Tilt **14** 312 (1972)
Denney, D., Baumgartner, G., Adorjani, C.: Responses of Cortical Neurones to Stimulation of the Visual Afferent Radiations **6** 265 (1968)
Derry, D.M., Wolfe, L.S.: Ganglioside Analyses of Serial Cryostat Sections through Ammon's Horn and Cerebellar Folia **5** 32 (1968)
Deschênes, M.: Dendritic Spikes Induced in Fast Pyramidal Tract Neurons by Thalamic Stimulation **43** 304 (1981)
Destombes, J., Gogan, P., Rouvière, A.:

The Fine Structure of Neurones and Cellular Relationships in the Abducens Nucleus in the Cat **35** 249 (1979)
Destombes, J., Ripert, J.P.: Ultrastructural Observations of the Abducens Nucleus of the Cat After Injection of Horseradish Peroxydase Into the Lateral Rectus Muscle **28** 63 (1977)
Destombes, J., Rouvière, A.: Ultrastructural Study of Vestibular and Reticular Projections to the Abducens Nucleus **43** 253 (1981)
Destombes, J., see Batini, C., et al. **26** 407 (1976)
Destombes, J., see Brodal, A., et al. **16** 140 (1972/73)
Destombes, J., see Brodal, A., et al. **16** 115 (1972/73)
Devanandan, M.S., Eccles, R.M., Lewis, D.M., Stenhouse, D.: Responses of Extensor Alpha-Motoneurones in Cats Anaesthetised with Chloralose **8** 177 (1969)
Devanandan, M.S., Eccles, R.M., Lewis, D.M., Stenhouse, D.: Responses of Flexor Alpha-Motoneurones in Cats Anaesthetized with Chloralose **8** 163 (1969)
DeVito, J.L., Anderson, M.E.: An Autoradiographic Study of Efferent Connections of the Globus Pallidus in *Macaca mulatta* **46** 107 (1982)
DeVito, J.L., Anderson, M.E., Walsh, K.E.: A Horseradish Peroxidase Study of Afferent Connections of the Globus Pallidus in Macaca Mulatta **38** 65 (1979/80)
DeVito, J.L.: A Horseradish Peroxidase-Autoradiographic Study of Parietopulvinar Connections in Saimiri sciureus **32** 581 (1978)
DeYoe, E.A., Bartlett, J.R.: Rarity of Luxotonic Responses in Cortical Visual Areas of the Cat **39** 125 (1980)
Deza, L., see Eidelberg, E., et al. **4** 73 (1967/68)
Di Maria, A., see Tebēcis, A.K. **14** 480 (1972)
Diamond, I.T., see Whitfield, I.C., et al. **31** 221 (1978)
Diao, Y.-C., Wang, Y.-K., Pu, M.-L.: Binocular Responses of Cortical Cells and the Callosal Projection in the Albino Rat **49** 410 (1983)
Diaz, J., Ellison, G., Masuoka, D.: Stages of Recovery from Central Norepinephrine Lesions in Enriched and Impoverished Environments: A Behavioral and Biochemical Study **31** 117 (1978)
Dichgans, J., Bizzi, E., Morasso, P., Tagliasco, V.: Mechanisms Underlying Recovery of Eye-Head Coordination Following Bilateral Labyrinthectomy in Monkeys **18** 548 (1973)
Dichgans, J., Schmidt, C.L., Graf, W.: Visual Input Improves the Speedometer Function of the Vestibular Nuclei in the Goldfish **18** 319 (1973)
Dichgans, J., Wist, E., Diener, H.C., Brandt, T.: The Aubert-Fleischl Phenomenon: A Temporal Frequency Effect on Perceived Velocity in Afferent Motion Perception **23** 529 (1975)
Dichgans, J., see Allum, J.H.J., et al. **26** 463 (1976)
Dichgans, J., see Brandt, T., et al. **21** 337 (1974)
Dichgans, J., see Brandt, Th., et al. **16** 476 (1972/73)
Dichgans, J., see Diener, H.C., et al. **45** 126 (1982)
Dichgans, J., see Dietz, V., et al. **40** 89 (1980)
Dichgans, J., see Morasso, P., et al. **16** 492 (1972/73)
Dichgans, J., see Schmidt, C.L., et al. **15** 1 (1972)
Dichgans, J., see Thoden, U., et al. **30** 155 (1977)
Dickenson, A.H., Le Bars, D.: Diffuse Noxious Inhibitory Controls (DNIC) Involve Trigeminothalamic and Spinothalamic Neurones in the Rat **49** 174 (1983)
Dieckmann, G., Sasaki, K.: Recruiting Responses in the Cerebral Cortex Produced by Putamen and Pallidum Stimulation **10** 236 (1970)
Diener, H.C., Dichgans, J., Bruzek, W., Selinka, H.: Stabilization of Human Posture During Induced Oscillations of the Body **45** 126 (1982)
Diener, H.C., see Dichgans, J., et al. **23** 529 (1975)
Dieringer, N., Precht, W., Blight, A.R.: Resetting Fast Phases of Head and Eye and Their Linkage in the Frog **47** 407 (1982)
Dieringer, N., Precht, W.: Mechanisms of Compensation for Vestibular Deficits in the Frog. I. Modification of the Excitatory Commissural System **36** 311 (1979)
Dieringer, N., Precht, W.: Mechanisms of Compensation for Vestibular Deficits in the Frog. II. Modification of the Inhibitory Pathways **36** 329 (1979)
Dieringer, N., Precht, W.: Compensatory Head and Eye Movements in the Frog and Their Contribution to Stabilization of Gaze **47** 394 (1982)
Dieringer, N., see King, W.M., et al. **32** 435 (1978)
Dieringer, N., see King, W.M., et al. **38** 395 (1979/80)
Dieringer, N., see Wilson, V.J., et al. **50** 153 (1983)
Diesner, K., see Fitzel, L., et al. **43** 213 (1981)
Dietrichs, E.: The Cerebellar Corticonuclear and Nucleocortical Projections in the Cat as Studied with Anterograde and Retrograde Transport of Horseradish Peroxidase. IV. The Paraflocculus **44** 235 (1981)
Dietrichs, E., Walberg, F.: Cerebellar Cortical Afferents from the Red Nucleus in the Cat **50** 353 (1983)
Dietrichs, E., see Walberg, F., et al. **40** 233 (1980)
Dietz, V., Berger, W.: Spinal Coordination of Bilateral Leg Muscle Activity During Balancing **47** 172 (1982)
Dietz, V., Mauritz, K.-H., Dichgans, J.: Body Oscillations in Balancing due to Segmental Stretch Reflex Activity **40** 89 (1980)
Dietz, V., see Mauritz, K.-H. **38** 117 (1979/80)
Dietzel, I., Heinemann, U., Hofmeier, G., Lux, H.D.: Transient Changes in the Size of the Extracellular Space in the Sensorimotor Cortex of Cats in Relation to Stimulus-induced Changes in Potassium Concentration **40** 432 (1980)
Dietzel, I., Heinemann, U., Hofmeier, G., Lux, H.D.: Stimulus-induced Changes in Extracellular Na^+ and Cl^- Concentrations in Relation to Changes in the Size of the Extracellular Space **46** 73 (1982)
Dineen, J., Hendrickson, A., Keating, E.G.: Alterations of Retinal Inputs Following Striate Cortex Removal in Adult Monkey **47** 446 (1982)
Dineen, J., Keating, E.G.: The Primate Visual System After Bilateral Removal of Striate Cortex. Survival of Complex Pattern Vision **41** 338 (1980/81)
Distel, H., Ebbesson, S.O.E.: Habenular Projections in the Monitor Lizard (Varanus benegalensis) **43** 324 (1981)
Distel, H., Fries, W.: Contralateral Cortical Projections to the Superior Colliculus in the Macaque Monkey **48** 157 (1982)
Distel, H.: Behavior and Electrical Brain Stimulation in the Green Iguana, Iguana iguana L. II. Stimulation Effects **31** 353 (1978)
Divac, I., see Markowitsch, H.J., et al. **32** 335 (1978)
Dixon, R.A., see Donaldson, I.M.L. **38** 245 (1979/80)
Donald, M.W., Young, M.J.: A Time-Course Analysis of Attentional Tuning of the Auditory Evoked Response **46** 357 (1982)
Donaldson, I.M.L., Dixon, R.A.: Excitation of Units in the Lateral Geniculate and Contiguous Nuclei of the Cat by Stretch of Extrinsic Ocular Muscles **38** 245 (1979/80)
Donaldson, I.M.L., Hawthorne, M.E.: Coding of Visual Information by Units in the Cat Cerebellar Vermis **34** 27 (1978/1979)
Donate-Oliver, F., see Albus, K. **28** 167 (1977)
Dongen, P.A.M. van, Laak, H.J. ter, Thijssen, J.M., Vendrik, A.J.H.: Functional Classification of Cells in the Optic

Tract of a Tree Shrew (Tupaia Chinensis) **24** 441 (1975/76)
Dongen, P.A.M. van, see Thijssen, J.M., et al. **25** 279 (1976)
Donoghue, J.P., see Deniau, J.M., et al. **47** 105 (1982)
Donoghue, J.P., see Foster, R.E., et al. **43** 330 (1981)
Doorn, A.J. van, Koenderink, J.J.: Temporal Properties of the Visual Detectability of Moving Spatial White Noise **45** 179 (1982)
Doorn, A.J. van, Koenderink, J.J.: Spatial Properties of the Visual Detectability of Moving Spatial White Noise **45** 189 (1982)
Dormont, J.F., Massion, J.: Duality of Cortical Control on Ventrolateral Thalamic Activity **10** 205 (1970)
Dormont, J.F., Ohye, C.: Entopeduncular Projection to the Thalamic Ventrolateral Nucleus of the Cat **12** 254 (1971)
Dormont, J.F., Schmied, A., Condé, H.: Motor Command in the Ventrolateral Thalamic Nucleus: Neuronal Variability Can Be Overcome by Ensemble Average **48** 315 (1982)
Dormont, J.F., see Bénita, M., et al. **34** 435 (1978/1979)
Dormont, J.F., see Schmied, A., et al. **36** 285 (1979)
Dotan, Y., see Carmon, A., et al. **33** 445 (1978)
Doty, R.W., Wilson, P.D., Bartlett, J.R., Pecci-Saavedra, J.: Mesencephalic Control of Lateral Geniculate Nucleus in Primates. I. Electrophysiology **18** 189 (1973)
Doty, R.W., see Kesner, R.P. **2** 328 (1966)
Doty, R.W., see Overman, W.H., Jr. **37** 511 (1979)
Doty, R.W., see Wyrwicka, W. **1** 152 (1966)
Doty, R.W., see Bartlett, J.R., et al. **18** 214 (1973)
Doty, R.W., see Kahrilas, P.J., et al. **39** 11 (1980)
Doty, R.W., see Wilson, P.D., et al. **18** 204 (1973)
Doty, Sr. R.W., see Bartlett, J.R., et al. **25** 487 (1976)
Dow, B.M., Snyder, A.Z., Vautin, R.G., Bauer, R.: Magnification Factor and Receptive Field Size in Foveal Striate Cortex of the Monkey **44** 213 (1981)
Dow, B.M., see Bauer, R., et al. **50** 133 (1983)
Dow, B.M., see Bauer, R., et al. **41** 54 (1980/81)
Dowdall, M.J., see Vickers, G.R. **25** 429 (1976)
Dreher, B., Hoffmann, K.-P.: Properties of Excitatory and Inhibitory Regions in the Receptive Fields of Single Units in the Cat's Superior Colliculus **16** 333 (1972/73)
Dreher, B., see Hoffmann, K.-P. **16** 354 (1972/73)
Dreher, B., see Rodieck, R.W. **35** 465 (1979)
Dreher, B., see Hale, P.T., et al. **35** 425 (1979)
Dreher, B., see McCaffery, C.A., et al. **48** 377 (1982)
Dreifuss, J.J., Kelly, J.S., Krnjević, K.: Cortical Inhibition and γ-Aminobutyric Acid **9** 137 (1969)
Drejer, J., Larsson, O.M., Schousboe, A.: Characterization of L-Glutamate Uptake into and Release from Astrocytes and Neurons Cultured from Different Brain Regions **47** 259 (1982)
Dresse, A., see Brotchi, J., et al. **32** 459 (1978)
Droulez, J., see Buizza, A., et al. **39** 165 (1980)
Dubrovsky, B., Garcia-Rill, E.: Role of Dorsal Columns in Sequential Motor Acts Requiring Precise Forelimb Projection **18** 165 (1973)
Dubrovsky, B., see McCormack, M. **37** 31 (1979)
Dudar, J.D., see Andersen, P., et al. **17** 152 (1973)
Dudley, C.A., see Kelly, M.J., et al. **30** 53 (1977)
Dudley, C.A., see Kelly, M.J., et al. **30** 43 (1977)
Dürsteler, M.R., Blakemore, C., Garey, L.J.: Uptake of Horseradish Peroxidase by Geniculo-Cortical Axons in the Golden Hamster: Analysis by Computer Reconstruction **29** 487 (1977)
Dufossé, M., Ito, M., Miyashita, Y.: Diminution and Reversal of Eye Movements Induced by Local Stimulation of Rabbit Cerebellar Flocculus after Partial Destruction of the Inferior Olive **33** 139 (1978)
Dufossé, M., Macpherson, J., Massion, J.: Biomechanical and Electromyographical Comparison of Two Postural Supporting Mechanisms in the Cat **45** 38 (1982)
Duggan, A.W., Lodge, D., Biscoe, T.J.: The Inhibition of Hypoglossal Motoneurones by Impulses of the Glossopharyngeal Nerve of the Rat **17** 261 (1973)
Duggan, A.W.: The Differential Sensitivity to L-Glutamate and L-Aspartate of Spinal Interneurones and Renshaw Cells **19** 522 (1974)
Duggan, A.W., see Curtis, D.R., et al. **12** 547 (1971)
Duggan, A.W., see Curtis, D.R., et al. **10** 447 (1970)
Dulce, H.-J., see Sarkander, H.-I. **31** 317 (1978)
Dulce, H.-J., see Sarkander, H.-I. **35** 109 (1979)
Dum, R.P., see Pinter, M.J., et al. **45** 133 (1982)
Dunbar, D.C., see Rushmer, D.S., et al. **50** 45 (1983)
Dunlop, C.W., see Aitkin, L.M. **7** 68 (1969)
Dupont, J.L., Crepel, F.: Correlations Among Climbing Fiber Responses of Nearby Cerebellar Purkinje Cells in the Immature Rat **37** 525 (1979)
Dusticier, G., see Héry, M., et al. **47** 465 (1982)
Dux, E., Joó, F.: Effects of Histamine on Brain Capillaries. Fine Structural and Immunohistochemical Studies After Intracarotid Infusion **47** 252 (1982)
Duysens, J., Orban, G.A., Verbeke, O.: Velocity Sensitivity Mechanisms in Cat Visual Cortex **45** 285 (1982)
Duysens, J., Pearson, K.G.: The Role of Cutaneous Afferents from the Distal Hindlimb in the Regulation of the Step Cycle of Thalamic Cats **24** 245 (1975/76)
Duysens, J., Stein, R.B.: Reflexes Induced by Nerve Stimulation in Walking Cats with Implanted Cuff Electrodes **32** 213 (1978)
Dyachkova, L.N., Kostyuk, P.G., Pogorelaya, N.Ch.: An Electron Microscopic Analysis of Pyramidal Tract Terminations in the Spinal Cord of the Cat **12** 105 (1971)
Dyer, R.G., Mansfield, S., Yates, J.O.: Discharge of Gonadotrophin-releasing Hormone from the Mediobasal Part of the Hypothalamus: Effect of Stimulation Frequency and Gonadal Steroids **39** 453 (1980)
Dyer, R.G., Mayes, L.C.: Electrical Stimulation of the Hypothalamus: New Observations on the Parameters Necessary for Ovulation in Rats Anaesthetised With Pentobarbitone During the Pro-oestrous „Critical Period" **33** 583 (1978)
Dyer, R.G., see Saphier, D.J. **39** 113 (1980)

E

Eames, R.A., see Jacobson, S.G., et al. **36** 491 (1979)
Easter, S.S., Jr., see Schmidt, J.T. **31** 155 (1978)
Eastman, M.J., see Cooke, J.D. **27** 491 (1977)
Ebbesson, S.O.E., see Distel, H. **43** 324 (1981)
Ebel, H.C., see Marco, L.A., et al. **17** 111 (1973)
Ebner, F.F., see Foster, R.E., et al. **43** 330 (1981)
Eccles, J.C., Buser, P.: Paul Dell 1915-1976 **27** 233 (1977)
Eccles, J.C.: Edgar Douglas Adrian 1889-1977 **31** 153 (1978)
Eccles, J.C., Faber, D.S., Murphy, J.T., Sabah, N.H., Táboříková, H.: Afferent Volleys in Limb Nerves Influencing Impulse Discharges in Cerebellar Cortex. II. In Purkyně Cells **13** 36 (1971)

Eccles, J.C., Faber, D.S., Murphy, J.T., Sabah, N.H., Táboříková, H.: Investigations on Integration of Mossy Fiber Inputs to Purkyně Cells in Anterior Lobe **13** 54 (1971)

Eccles, J.C., Faber, D.S., Murphy, J.T., Sabah, N.H., Táboříková, H.: Afferent Volleys in Limb Nerves Influencing Impulse Discharges in Cerebellar Cortex. I. In Mossy Fibers and Granule Cells **13** 15 (1971)

Eccles, J.C , Llinás, R., Sasaki, K.: The Inhibitory Interneurones within the Cerebellar Cortex **1** 1 (1966)

Eccles, J.C., Llinás, R., Sasaki, K.: Intracellularly Recorded Responses of the Cerebellar Purkinje Cells **1** 161 (1966)

Eccles, J.C., Llinás, R., Sasaki, K.: Parallel Fibre Stimulation and the Responses Induced thereby in the Purkinje Cells of the Cerebellum **1** 17 (1966)

Eccles, J.C., Llinás, R., Sasaki, K.: The Mossy Fibre-Granule Cell Relay of the Cerebellum and its Inhibitory Control by Golgi Cells **1** 82 (1966)

Eccles, J.C., Provini, L., Strata, P., Táboříková, H.: Analysis of Electrical Potentials Evoked in the Cerebellar Anterior Lobe by Stimulation of Hindlimb and Forelimb Nervs **6** 171 (1968)

Eccles, J.C., Provini, L., Strata, P., Táboříková, H.: Topographical Investigations on the Climbing Fiber Inputs from Forelimb and Hindlimb Afferents to the Cerebellar Anterior Lobe **6** 195 (1968)

Eccles, J.C., Rantucci, T., Sabah, N.H., Táboříková, H.: Somatotopic Studies on Cerebellar Fastigial Cells **19** 100 (1974)

Eccles, J.C., Sabah, N.H., Schmidt, R.F., Táboříková, H.: Cutaneous Mechanoreceptors Influencing Impulse Discharges in Cerebellar Cortex. I. In Mossy Fibers **15** 245 (1972)

Eccles, J.C., Sabah, N.H., Schmidt, R.F., Táboříková, H.: Cutaneous Mechanoreceptors Influencing Impulse Discharges in Cerebellar Cortex. III. In Purkyně Cells by Climbing Fiber Input **15** 484 (1972)

Eccles, J.C., Sabah, N.H., Schmidt, R.F., Táboříková, H.: Integration by Purkyně Cells of Mossy and Climbing Fiber Inputs from Cutaneous Mechanoreceptors **15** 498 (1972)

Eccles, J.C., Sabah, N.H., Schmidt, R.F., Táboříková, H.: Cutaneous Mechanoreceptors Influencing Impulse Discharges in Cerebellar Cortex. II. In Purkyně Cells by Mossy Fiber Input **15** 261 (1972)

Eccles, J.C., Sabah, N.H., Táboříková, H.: The Pathways Responsible for Excitation and Inhibition of Fastigial Neurones **19** 78 (1974)

Eccles, J.C., Sabah, N.H., Táboříková, H.: Excitatory and Inhibitory Responses of Neurones of the Cerebellar Fastigial Nucleus **19** 61 (1974)

Eccles, J.C., Sasaki, K., Strata, P.: Interpretation of the Potential Fields Generated in the Cerebellar Cortex by a Mossy Fibre Volley **3** 58 (1967)

Eccles, J.C., Sasaki, K., Strata, P.: A Comparison of the Inhibitory Actions of Golgi Cells and of Basket Cells **3** 81 (1967)

Eccles, J.C., Sasaki, K., Strata, P.: The Profiles of Physiological Events Produced by a Parallel Fibre Volley in the Cerebellar Cortex **2** 18 (1966)

Eccles, J.C., see Kitai, S.T., et al. **7** 1 (1969)

Eccles, R.M., see Devanandan, M.S., et al. **8** 177 (1969)

Eccles, R.M., see Devanandan, M.S., et al. **8** 163 (1969)

Eckart, W., see Tsumoto, T., et al. **34** 351 (1978/1979)

Eckmiller, R., Blair, S.M., Westheimer, G.: Oculomotor Neuronal Correlations Shown by Simultaneous Unit Recordings in Alert Monkeys **21** 241 (1974)

Eckmiller, R., Westheimer, G.: Compensation of Oculomotor Deficits in Monkeys with Neonatal Cerebellar Ablations **49** 315 (1983)

Edge, A., see Barnes, G.R. **50** 228 (1983)

Eerbeek, O., see Kernell, D., et al. **50** 220 (1983)

Eerbeek, O., see Kernell, D., et al. **50** 211 (1983)

Egger, M.D., see Proshansky, E. **28** 153 (1977)

Ehinger, B., see Bruun, A., et al. **19** 239 (1974)

Ehrman, R., see Finger, S., et al. **12** 354 (1971)

Eidelberg, E., Goldstein, G.P., Deza, L.: Evidence for Serotonin as a Possible Inhibitory Transmitter in Some Limbic Structures **4** 73 (1967/68)

Eidelberg, E., Story, J.L., Meyer, B.L., Nystel, J.: Stepping by Chronic Spinal Cats **40** 241 (1980)

Eidelberg, E., Story, J.L., Walden, J.G., Meyer, B.L.: Anatomical Correlates of Return of Locomotor Function After Partial Spinal Cord Lesions in Cats **42** 81 (1981)

Eidelberg, E., Yu, F.: Effects of Corticospinal Lesions upon Treadmill Locomotion by Cats **43** 101 (1981)

Eidelberg, E., see Murthy, K.S.K., et al. **46** 186 (1982)

Eijkman, E.G.J., see Coenen, A.M.L. **15** 441 (1972)

Einon, G., see Ikeda, H., et al. **31** 207 (1978)

Eisenmann, L.M., Noback, C.R.: The Ponto-cerebellar Projection in the Rat: Differential Projections to Sublobules of the Uvula **38** 11 (1979/80)

Eison, A.S., see Eison, M.S., et al. **43** 281 (1981)

Eison, M.S., Eison, A.S., Ellison, G.: The Regional Distribution of d-Amphetamine and Local Glucose Utilization in Rat Brain During Continuous Amphetamine Administration **43** 281 (1981)

Ekerot, C.-F., Larson, B.: The Dorsal Spino-olivocerebellar System in the Cat. II. Somatotopical Organization **36** 219 (1979)

Ekerot, C.-F., Larson, B.: The Dorsal Spino-olivocerebellar System in the Cat. I. Functional Organization and Termination in the Anterior Lobe **36** 201 (1979)

Ekerot, C.-F., Larson, B.: Termination in Overlapping Sagittal Zones in Cerebellar Anterior Lobe of Mossy and Climbing Fiber Path Activated from Dorsal Funiculus **38** 163 (1979/80)

Ekerot, C.-F., Larson, B.: Branching of Olivary Axons to Innervate Pairs of Sagittal Zones in the Cerebellar Anterior Lobe of the Cat **48** 185 (1982)

Ekerot, C.-F., Oscarsson, O.: The Lateral Reticular Nucleus in the Cat. V. Does Collateral Activation from the Dorsal Spinocerebellar Tract Occur? **25** 327 (1976)

Ekerot, C.-F., see Clendenin, M., et al. **21** 487 (1974)

Ekerot, C.-F., see Clendenin, M., et al. **21** 501 (1974)

Ekerot, C.-F., see Clendenin, M., et al. **21** 473 (1974)

Ekerot, C.-F., see Clendenin, M., et al. **24** 131 (1975/76)

Elberger, A.J.: The Role of the Corpus Callosum in the Development of Interocular Eye Alignment and the Organization of the Visual Field in the Cat **36** 71 (1979)

Elberger, A.J.: Ocular Dominance in Striate Cortex is Altered by Neonatal Section of the Posterior Corpus Callosum in the Cat **41** 280 (1980/81)

Eldred, E., see Decandia, M., et al. **12** 161 (1971)

Elepfandt, A., see Creutzfeldt, O.D., et al. **35** 527 (1979)

Elepfandt, A., see Lee, B.B., et al. **35** 547 (1979)

Elger, C.E., Speckman, E.-J., Caspers, H., Janzen, R.W.C.: Cortico-Spinal Connections in the Rat. I. Monosynaptic and Polysynaptic Responses of Cervical Motoneurons to Epicortical Stimulation **28** 385 (1977)

Elger, C.E., see Janzen, R.C.W., et al. **28** 405 (1977)

Elias, K.A., see Rodriguez-Sierra, J.F., et al. **48** 272 (1982)

Ellaway, P.H.: The Variability of Discharge of Fusimotor Neurones in the Decerebrate Cat **14** 105 (1972)

Ellaway, P.H., Murphy, P.R.: Autogenetic Effects of Muscle Contraction on Extensor Gamma Motoneurones in the Cat **38** 305 (1979/80)
Ellaway, P.H., Trott, J.R.: The Mode of Action of 5-Hydroxytryptophan in Facilitating a Stretch Reflex in the Spinal Cat **22** 145 (1975)
Ellendorff, F., see Fenske, M., et al. **22** 495 (1975)
Ellendorff, F., see Poulain, D.A., et al. **43** 107 (1981)
Ellendorff, F., see Reinhardt, W., et al. **43** 1 (1981)
Elliot, K.A.C., see Bharucha, A.D. **19** 119 (1974)
Ellison, G., see Diaz, J., et al. **31** 117 (1978)
Ellison, G., see Eison, M.S., et al. **43** 281 (1981)
Ellman, G.L., Gan, G.L.: Responses of the Cells of the Supra-Optic Nucleus. Kinetic Aspects **14** 1 (1972)
Ellman, G.L., Gan, G.L.: Sulfhydryl Groups in Nissl Bodies **9** 261 (1969)
Elverland, H.H.: Ascending and Intrinsic Projections of the Superior Olivary Complex in the Cat **32** 117 (1978)
Elverland, H.H.: Descending Connections between the Superior Olivary and Cochlear Nuclear Complexes in the Cat Studied by Autoradiographic and Horseradish Peroxidase Methods **27** 397 (1977)
Emerson, V.F., Chalupa, L.M., Thompson, I.D., Talbot, R.J.: Behavioural, Physiological, and Anatomical Consequences of Monocular Deprivation in the Golden Hamster *(Mesocricetus auratus)* **45** 168 (1982)
Emerson, V.F.: Grating Acuity of the Golden Hamster. The Effects of Stimulus Orientation and Luminance **38** 43 (1979/80)
Enomoto, S., see Nozaki, S., et al. **49** 363 (1983)
Erickson, R.G., Barmack, N.H.: A Comparison of the Horizontal and Vertical Optokinetic Reflexes of the Rabbit **40** 448 (1980)
Erickson, R.R., Cotter, J.P.: Uncrossed Retinal Projections to the Accessory Optic Nuclei in Rabbits and Cats **49** 143 (1983)
Ericksson, L., see Andersson, G. **44** 71 (1981)
Ervin, F.R., see Bear, D.M., et al. **13** 256 (1971)
Ervin, F.R., see Sasaki, H., et al. **13** 273 (1971)
Ervin, F.R., see Sasaki, H., et al. **13** 239 (1971)
Eskay, R.L., see Kelly, M.J., et al. **48** 97 (1982)
Estévez, O., Spekreijse, H.: Relationship Between Pattern Appearance-Disappearance and Pattern Reversal Responses **19** 233 (1974)
Ettlinger, G., see Ridley, R.M. **31** 475 (1978)
Ettlinger, G., see Ridley, R.M., et al. **27** 539 (1977)
Evans, E.F., Nelson, P.G.: The Responses of Single Neurones in the Cochlear Nucleus of the Cat as a Function of Their Location and the Anaesthetic State **17** 402 (1973)
Evans, E.F., Nelson, P.G.: On the Functional Relationship Between the Dorsal and Ventral Divisions of the Cochlear Nucleus of the Cat **17** 428 (1973)
Evans, E.F., Palmer, A.R.: Relationship Between the Dynamic Range of Cochlear Nerve Fibres and Their Spontaneous Activity **40** 115 (1980)
Evans, E.F., see Klinke, R. **28** 315 (1977)
Evans, M.H., see Bagshaw, E.V. **25** 391 (1976)
Everett, J., see Batini, C., et al. **26** 407 (1976)
Evinger, C., Kaneko, C.R.S., Fuchs, A.F.: Oblique Saccadic Eye Movements of the Cat **41** 370 (1980/81)
Evinger, L.C., Fuchs, A.F., Baker, R.: Bilateral Lesions of the Medial Longitudinal Fasciculus in Monkeys: Effects on the Horizontal and Vertical Components of Voluntary and Vestibular Induced Eye Movements **28** 1 (1977)
Ewart, W.R., see Armstrong-James, M. **39** 327 (1980)
Ewert, J.-P., Hock, F.: Movement-Sensitive Neurones in the Toad's Retina **16** 41 (1972/73)
Eysel, U., Grüsser, O.-J., Hoffmann, K.-P.: Monocular Deprivation and the Signal Transmission by X- and Y-Neurons of the Cat Lateral Geniculate Nucleus **34** 521 (1978/1979)
Eysel, U.T., Gonzalez-Aguilar, F., Mayer, U.: Time-dependent Decrease in the Extent of Visual Deafferentation in the Lateral Geniculate Nucleus of Adult Cats with Small Retinal Lesions **41** 256 (1980/81)
Eysel, U.T.: Quantitative Studies of Intracellular Postsynaptic Potentials in the Lateral Geniculate Nucleus of the Cat with Respect to Optic Tract Stimulus Response Latencies **25** 469 (1976)
Ezure, K., Schor, R.H., Yoshida, K.: The Response of Horizontal Semicircular Canal Afferents to Sinusoidal Rotation in the Cat **33** 27 (1978)

F

Faber, D.S., see Eccles, J.C., et al. **13** 15 (1971)
Faber, D.S., see Eccles, J.C., et al. **13** 36 (1971)
Faber, D.S., see Eccles, J.C., et al. **13** 54 (1971)
Faber, D.S., see Klee, M.R., et al. **19** 478 (1974)
Fabre, M., Buser, P.: Effects of Lesioning the Anterior Suprasylvian Cortex on Visuo-motor Guidance Performance in the Cat **41** 81 (1980/81)
Färber, G., see Herz, A., et al. **9** 221 (1969)
Fairchild, M.D., see Hayward, J.N., et al. **1** 205 (1966)
Fallert, M., Wassermeyer, B.: Spatial Distribution of Various Types of Bulbar Respiratory Neurons in the Rabbit **30** 339 (1977)
Falls, W.M., see King, J.S., et al. **26** 159 (1976)
Fanardjian, V.V., see Akaike, T., et al. **17** 477 (1973)
Fanardjian, V.V., see Akaike, T., et al. **18** 446 (1973)
Fanardjian, V.V., see Akaike, T., et al. **17** 497 (1973)
Faragalla, F.F.: The Distribution of Exchange of Brain Calcium *in Vivo* in the Rat **17** 206 (1973)
Favilla, M., Ghelarducci, B., Magherini, P.C.: Sensitivity of Lateral Cerebellar Nucleus to Macular Stimulation in the Rabbit **33** 41 (1978)
Favorov, O., see Waters, R.S., et al. **46** 403 (1982)
Favorov, O., see Waters, R.S., et al. **48** 335 (1982)
Fawcett, C.P., see Kelly, M.J., et al. **30** 43 (1977)
Feger, J., see Deniau, J.M., et al. **32** 409 (1978)
Fehér, O., see Baranyi, A. **33** 283 (1978)
Fehér, O., see Baranyi, A. **41** 124 (1980/81)
Fehér, O., see Rojik, I. **39** 321 (1980)
Fehm, H.L., Voigt, K.H., Lang, R.E., Pfeiffer, E.F.: Effects of Neurotransmitters on the Release of Corticotropin Releasing Hormone (CRH) by Rat Hypothalmic Tissue in Vitro **39** 229 (1980)
Fehmi, L.G., Adkins, J.W., Lindsley, D.B.: Electrophysiological Correlates of Visual Perceptual Masking in Monkeys **7** 299 (1969)
Feldman, A.G., see Deliagina, T.G. **42** 108 (1981)
Feldman, J.D., Gaze, R.M., Keating, M.J.: Delayed Innervation of the Optic Tectum during Development in *Xenopus Laevis* **14** 16 (1972)
Feldman, S., Conforti, N., Chowers, I., Siegel, R.A.: Effects of Sciatic Nerve Stimulation on ACTH Secretion, in Intact and in Variously Hypothalamic Deafferentated Male Rats **42** 486 (1981)
Feldman, S., Conforti, N.: Effects of Hypothalamic Deafferentations on Adrenocortical Responses in the Rat Following Hippocampal Stimulation **44** 232 (1981)
Feldman, S., see Weidenfeld, J., et al. **48** 306 (1982)

Feldon, J., see Rawlins, J.N.P., et al. **37** 49 (1979)
Feldon, J., see Rawlins, J.N.P., et al. **38** 273 (1979/80)
Felix, D., Wiesendanger, M.: Pyramidal and Non-Pyramidal Motor Cortical Effects on Distal Forelimb Muscles of Monkeys **12** 81 (1971)
Felix, D., see Wilson, V.J., et al. **19** 142 (1974)
Felpel, L.P.: Effects of Strychnine, Bicuculline and Picrotoxin on Labyrinthine-Evoked Inhibition in Neck Motoneurons of the Cat **14** 494 (1972)
Felpel, L.P., see Wylie, R.M. **12** 528 (1971)
Felpel, L.P., see Peterson, B.W., et al. **22** 335 (1975)
Fenske, M., Ellendorff, F., Wuttke, W.: Response of Medial Preoptic Neurons to Electrical Stimulation of the Mediobasal Hypothalamus, Amygdala and Mesencephalon in Normal, Serotonin or Catecholamine Deprived Female Rats **22** 495 (1975)
Ferguson, R.K., Woodbury, D.M.: Penetration of ^{14}C-Inulin and ^{14}C-Sucrose into Brain, Cerebrospinal Fluid, and Skeletal Muscle of Developing Rats **7** 181 (1969)
Ferin, M., Grigorian, R.A., Strata, P.: Mossy and Climbing Fibre Activation in the Cat Cerebellum by Stimulation of the Labyrinth **12** 1 (1971)
Fernández, C., see Goldberg, J.M. **46** 393 (1982)
Fernandez, J., see Asanuma, H. **20** 315 (1974)
Ferreya Moyano, H., Molina, J.C.: Axonal Projections and Conduction Properties of Olfactory Peduncle Neurons in the Rat **39** 241 (1980)
Ferron, A., see Thierry, A.M., et al. **50** 275 (1983)
Fetz, E.E., Finocchio, D.V.: Correlations Between Activity of Motor Cortex Cells and Arm Muscles During Operantly Conditioned Response Patterns **23** 217 (1975)
Feustle, W.A., see Olton, D.S. **41** 380 (1980/81)
Feyo, P.B., see Paula-Barbosa, M.M., et al. **23** 535 (1975)
Field, M.P.: A Quantitative Ultrastructural Analysis of the Distribution of Amygdaloid Fibres in the Preoptic Area and the Ventromedial Hypothalamic Nucleus **14** 527 (1972)
Fieschi, C., Bozzao, L., Agnoli, A., Nardini, M., Bartolini, A.: The Hydrogen Method of Measuring Local Blood Flow in Subcortical Structures of the Brain: Including a Comparative Study with the ^{14}C Antipyrine Method **7** 111 (1969)
Fifková, E., see Burešová, O., et al. **2** 168 (1966)
Fifková, E., see Wilson, C.J., et al. **30** 161 (1977)
Figge, U., see Fredrickson, J.M., et al. **2** 318 (1966)
Filion, M., Lamarre, Y., Cordeau, J.P.: Neuronal Discharges of the Ventrolateral Nucleus of the Thalamus During Sleep and Wakefulness in the Cat. II. Evoked Activity **12** 499 (1971)
Filion, M., see Harnois, C. **47** 277 (1982)
Filion, M., see Lamarre, Y., et al. **12** 480 (1971)
Filion, M., see Peterson, B.W., et al. **22** 335 (1975)
Filion, M., see Peterson, B.W., et al. **21** 19 (1974)
Fine, M.L.: Sounds Evoked by Brain Stimulation in the Oyster Toadfish Opsanus tau L. **35** 197 (1979)
Finger, S.: Lemniscal Extralemniscal Thalamic Lesions and Tactile Discrimination in the Rat **15** 532 (1972)
Finger, S., Lennard, R.P., Hammer, R., Ehrman, R.: Retention of Tactile Discriminations Following Somatosensory Cortical Lesions in the Rat **12** 354 (1971)
Finger, S., Scheff, S., Warshaw, I., Cohen, K.: Retention and Acquisition of Temperature Discrimination Following Somatosensory Cortical Lesions in the Rat **10** 340 (1970)
Finger, S., Simons, D.: Effects of Serial Lesions of Somatosensory Cortex and Further Neodecortication on Retention of a Rough-Smooth Discrimination in Rats **25** 183 (1976)
Finger, S., see Simons, D., et al. **23** 353 (1975)
Finger, S., see Weese, D.G., et al. **16** 542 (1972/73)
Finger, T.E., Bell, C.C., Russell, C.J.: Electrosensory Pathways to the Valvula Cerebelli in Mormyrid Fish **42** 23 (1981)
Finger, T.E., see Bell, C.C., et al. **42** 9 (1981)
Finocchio, D.V., see Fetz, E.E. **23** 217 (1975)
Fiorentini, A., Berardi, N., Maffei, L.: Role of Extraocular Proprioception in the Orientating Behavior of Cats **48** 113 (1982)
Fiorentini, A., see Maffei, L. **48** 327 (1982)
Fischer, B., Barth, R., Sternheim, C.E.: Interaction of Receptive Field Responses and Shift-Effect in Cat Retinal and Geniculate Neurons **31** 235 (1978)
Fischer, B., Boch, R., Bach, M.: Stimulus Versus Eye Movements: Comparison of Neural Activity in the Striate and Prelunate Visual Cortex (A17 and A19) of Trained Rhesus Monkey **43** 69 (1981)
Fischer, B., Boch, R.: Enhanced Activation of Neurons in Prelunate Cortex Before Visually Guided Saccades of Trained Rhesus Monkeys **44** 129 (1981)
Fischer, B., Boch, R.: Selection of Visual Targets Activates Prelunate Cortical Cells in Trained Rhesus Monkeys **41** 431 (1980/81)
Fischer, B., Krause, D., May, H.U.: Schwellenerregung, zeitliche Summation und Impulsreaktionsfunktion in der Retina der Katze: Temporale receptive Felder retinaler Ganglienzellen **15** 212 (1972)
Fischer, B., Krüger, J.: Continuous Movement of Remote Patterns and Shift-effect of Cat Retinal Ganglion Cells **40** 229 (1980)
Fischer, B., Krüger, J.: Disparity Tuning and Binocularity of Single Neurons in Cat Visual Cortex **35** 1 (1979)
Fischer, B., Krüger, J.: The Shift-Effect in the Cat's Lateral Geniculate Neurons **21** 225 (1974)
Fischer, B., May, H.U.: Invarianzen in der Katzenretina: Gesetzmäßige Beziehungen zwischen Empfindlichkeit, Größe und Lage receptiver Felder von Ganglienzellen **11** 448 (1970)
Fischer, B., see Boch, R. **50** 201 (1983)
Fischer, B., see Krüger, J. **18** 316 (1973)
Fischer, B., see Krüger, J. **18** 304 (1973)
Fischer, B., see Krüger, J., et al. **23** 443 (1975)
Fischer, H.A., see Schmatolla, E. **15** 168 (1972)
Fish, S.E., Chalupa, L.M.: Functional Properties of Pulvinar-lateral Posterior Neurons which Receive Input from the Superior Colliculus **36** 245 (1979)
Fitzgerald, M., Wall, P.D.: The Laminar Organization of Dorsal Horn Cells Responding to Peripheral C Fibre Stimulation **41** 36 (1980/81)
Flandrin, J.M., Jeannerod, M.: Effects of Unilateral Superior Colliculus Ablation on Oculomotor and Vestibulo-ocular Responses in the Cat **42** 73 (1981)
Flandrin, J.M., see Kennedy, H., et al. **48** 279 (1982)
Flerkó, B., Bárdos, V.: Prolongation of Dioestrus in Rats with Diencephalic and Mesencephalic Lesions **1** 299 (1966)
Fletscher, A., see Kilpatrick, I.C., et al. **40** 45 (1980)
Flood, W., see Whittington, D.A., et al. **41** 358 (1980/81)
Foerster, M.H., Grind, W.A. van de, Grüsser, O.-J.: Frequency Transfer Properties of Three Distinct Types of Cat Horizontal Cells **29** 347 (1977)
Foerster, M.H., Grind, W.A. van de, Grüsser, O.-J.: The Response of Cat Horizontal Cells to Flicker Stimuli of Different Area, Intensity and Frequency **29** 367 (1977)
Foltz, F.M., see Johanson, C.E., et al. **20** 18 (1974)
Foote, W.E., Maciewicz, R.J., Mordes, J.P.: Effect of Midbrain Raphe and Lateral Mesencephalic Stimulation on Spontaneous and Evoked Activity in the Lateral Geniculate of the Cat **19** 124 (1974)

Foreman, N.P., see Goodale, M.A., et al. **31** 445 (1978)
Forsberg, A., see Bruun, A., et al. **19** 239 (1974)
Foster, R.E., Donoghue, J.P., Ebner, F.F.: Laminar Organization of Efferent Cells in the Parietal Cortex of the Virginia Opossum **43** 330 (1981)
Fox, S.E., Ranck, J.B., Jr.: Electrophysiological Characteristics of Hippocampal Complex-spike Cells and Theta Cells **41** 399 (1980/81)
Fraling, F., see Herz, A., et al. **1** 249 (1966)
France, T.D., see Hess, R.F., et al. **44** 295 (1981)
Franceschetti, S., see Spreafico, B., et al. **40** 209 (1980)
Franz, D.N., see Brown, A.G. **7** 231 (1969)
Franzén, O., Offenloch, K.: Evoked Response Correlates of Psychophysical Magnitude Estimates for Tactile Stimulation in Man **8** 1 (1969)
Franzini, C., Lenzi, P., Cianci, T.: Interactions Between Temperature Regulation and Emotional Arousal in the Rabbit **43** 87 (1981)
Franzini, C., see Cowey, A. **35** 443 (1979)
Fredens, K., see Danscher, G., et al. **16** 521 (1972/73)
Fredrickson, J.M., Figge, U., Scheid, P., Kornhuber, H.H.: Vestibular Nerve Projection to the Cerebral Cortex of the Rhesus Monkey **2** 318 (1966)
Fredrickson, J.M., see Deecke, L., et al. **20** 88 (1974)
Fredrickson, J.M., see Deecke, L., et al. **30** 219 (1977)
Fredrickson, J.M., see Ödkvist, L.M., et al. **21** 97 (1974)
Fredrickson, J.M., see Ödkvist, L.M., et al. **18** 279 (1973)
Fredrickson, J.M., see Schwarz, D.W.F., et al. **17** 516 (1973)
Freed, W.J., see Wuerthele, S.M., et al. **44** 1 (1981)
Freedman, R., see Olson, L., et al. **39** 277 (1980)
Freedman, R., see Taylor, D., et al. **39** 289 (1980)
Freedman, W., see Craik, R.L., et al. **45** 399 (1982)
Freeman, B., see Singer, W., et al. **41** 199 (1980/81)
Freeman, J., Ingvar, D.H.: Elimination by Hypoxia of Cerebral Blood Flow Autoregulation and EEG Relationship **5** 61 (1968)
Freeman, J.A., see Vanegas, H., et al. **34** 335 (1978/1979)
Freeman, R.B., Jr., see Stone, J. **13** 489 (1971)
Freeman, R.B., Jr., see Noda, H.,et al. **12** 406 (1971)
Freeman, R.B., Jr., see Noda, H., et al. **12** 389 (1971)
Freeman, R.D.: Visuomotor Restriction of One Eye in Kittens Reared with Alternate Monocular Deprivation **33** 51 (1978)
Freeman, R.D., Olson, C.R.: Cortical Effects of Daily Sequential Stimulation of Right and Left Eyes in the Kitten **39** 117 (1980)
Freeman, R.D., Robson, J.G.: A New Approach to the Study of Binocular Interaction in Visual Cortex: Normal and Monocularly Deprived Cats **48** 296 (1982)
Freeman, R.D., see Olson, C.R. **39** 17 (1980)
Freeman, R.D., see Olson, C.R. **38** 53 (1979/80)
Freeman, R.D., see Sclar, G. **46** 457 (1982)
Freeman, R.D., see Tsumoto, T. **44** 347 (1981)
Freeman, R.D., see Tsumoto, T. **44** 337 (1981)
Freeman, R.D., see Macy, A., et al. **48** 401 (1982)
Frégnac, Y., Trotter, Y., Bienenstock, E., Buisseret, P., Gary-Bobo, E., Imbert, M.: Effect of Neonatal Unilateral Enucleation on the Development of Orientation Selectivity in the Primary Visual Cortex of Normally and Darkreared Kittens **42** 453 (1981)
French, E.D., Zieglgänsberger, W.: The Excitatory Response of in vitro Hippocampal Pyramidal Cells to Normorphine and Methionine-Enkephalin may be Mediated by Different Receptor Populations **48** 238 (1982)
Frenette, G., see Kitsikis, A., et al. **15** 305 (1972)
Freton, E., see Viala, D. **49** 247 (1983)
Freund, H.-J., Büdingen, H.J.: The Relationship between Speed and Amplitude of the Fastest Voluntary Contractions of Human Arm Muscles **31** 1 (1978)
Freund, H.-J., Grünewald, G., Baumgartner, G.: Räumliche Summation im receptiven Feldzentrum von Neuronen des Geniculatum laterale der Katze – *Spatial Summation within Receptive Field Centers of Lateral Geniculate Body of the Cat* **8** 53 (1969)
Freund, H.-J., Grünewald, G.: Räumliche Summation und Hemmungsvorgänge im receptiven Feldzentrum von Retina-Neuronen der Katze – *Spatial Summation and Inhibition within Receptive Field Centers of Retinal Ganglion Cells of the Cat* **8** 37 (1969)
Freund, H.-J., Wita, C.W., Brüstle, R.: Latency Differences Between Inhibitory and Excitatory Responses of Cat Optic Tract Units **16** 60 (1972/73)
Frey, T.J., see Loop, M.S. **43** 65 (1981)
Freye, E.: Tyrosine Hydroxylation in the Cat Striatum after Fentanyl and Droperidol in Vivo **26** 541 (1976)
Fries, W., Zieglgänsberger, W.: A Method to Discriminate Axonal From Cellbody Activity and to Analyse „Silent Cells" **21** 441 (1974)
Fries, W., see Distel, H. **48** 157 (1982)
Frizell, M., Hasselgren, P.O., Sjöstrand, J.: Axoplasmatic Transport of Acetylcholinesterase and Choline Acetyltransferase in the Vagus and Hypoglossal Nerve of the Rabbit **10** 526 (1970)
Frommer, G.P., Trefz, B.R., Casey, K.L.: Somatosensory Function and Cortical Unit Activity in Cats with only Dorsal Column Fibers **27** 113 (1977)
Frost, B.J., Scilley, P.L., Wong, S.C.P.: Moving Background Patterns Reveal Double-opponency of Directionally Specific Pigeon Tectal Neurons **43** 173 (1981)
Frost, B.J., see Grünau, M.W. von **49** 77 (1983)
Frost, B.J., see Morgan, B. **42** 181 (1981)
Frost, B.J., see Woods, E.J. **27** 347 (1977)
Frost, D.O., see Innocenti, G.M. **39** 365 (1980)
Frotscher, M., Hámori, J., Wenzel, J.: Transneural Effects of Entorhinal Lesions in the Early Postnatal Period on Synaptogenesis in the Hippocampus of the Rat **30** 549 (1977)
Frotscher, M., Misgeld, U., Nitsch, C.: Ultrastructure of Mossy Fiber Endings in in Vitro Hippocampal Slices **41** 247 (1980/81)
Frotscher, M., Rinne, U., Hassler, R., Wagner, A.: Termination of Cortical Afferents on Identified Neurons in the Caudate Nucleus of the Cat. A Combined Golgi-EM Degeneration Study **41** 329 (1980/81)
Fruhstorfer, H., see Järvilehto, T. **11** 309 (1970)
Fuchs, A.F., Luschei, E.S.: The Activity of Single Trochlear Nerve Fibers During Eye Movements in the Alert Monkey **13** 78 (1971)
Fuchs, A.F., see Magnin, M. **28** 293 (1977)
Fuchs, A.F., see Evinger, C., et al. **41** 370 (1980/81)
Fuchs, A.F., see Evinger, L.C., et al. **28** 1 (1977)
Fujito, Y., Tsukahara, N., Oda, Y., Yoshida, M.: Formation of Functional Synapses in the Adult Cat Red Nucleus from the Cerebrum Following Cross-Innervation of Forelimb Flexor and Extensor Nerves. II. Analysis of Newly Appeared Synaptic Potentials **45** 13 (1982)
Fujito, Y., see Murakami, F., et al. **30** 233 (1977)
Fujito, Y., see Murakami, F., et al. **30** 245 (1977)
Fujito, Y., see Tsukahara, N., et al. **45** 1 (1982)
Fukuda, J., Highstein, S.M., Ito, M.: Cerebellar Inhibitory Control of the Vestibulo-Ocular Reflex Investigated in Rabbit IIIrd Nucleus **14** 511 (1972)

Fukuda, Y.: Differentiation of Principal Cells of the Rat Geniculate Body into Two Groups; Fast and Slow Cells **17** 242 (1973)
Fukushima, K., Murakami, S., Matsushima, J., Kato, M.: Vestibular Responses and Branching of Interstitiospinal Neurons **40** 131 (1980)
Fukushima, K., Murakami, S., Ohno, M., Kato, M.: Properties of Mesencephalic Reticulospinal Neurons in the Cat **41** 75 (1980/81)
Fukushima, K., Ohno, M., Kato, M.: Responses of Cat Mesencephalic Reticulospinal Neurons to Stimulation of Superior Colliculus, Pericruciate Cortex, and Neck Muscle Afferents **44** 441 (1981)
Fukushima, K., Ohno, M., Murakami, S., Kato, M.: Effects of Stimulation of Frontal Cortex, Superior Colliculus, and Neck Muscle Afferents on Interstitiospinal Neurons in the Cat **44** 143 (1981)
Fukushima, K., Ohno, M., Takahashi, K., Kato, M.: Location and Vestibular Responses of Interstitial and Midbrain Reticular Neurons That Project to the Vestibular Nuclei in the Cat **45** 303 (1982)
Fukushima, K., Pitts, N.G., Peterson, B.W.: Interstitiospinal Action on Forelimb, Hindlimb, and Back Motoneurons **37** 605 (1979)
Fukushima, K., Pitts, N.G., Peterson, B.W.: Direct Excitation of Neck Motoneurons by Interstitiospinal Fibers **33** 565 (1978)
Fukushima, K., see Kato, M. **20** 135 (1974)
Fukushima, K., see Peterson, B.W., et al. **36** 1 (1979)
Fukushima, K., see Peterson, B.W., et al. **32** 471 (1978)
Fukushima, K., see Peterson, B.W., et al. **32** 287 (1978)
Fukushima, K., see Wilson, V.J., et al. **32** 1 (1978)
Fukushima, N., see Kawamura, S., et al. **31** 95 (1978)
Fulcrand, J., Marty, R.: Maturation Postnatale du Tractus Optique chez le Rat: Identification et Quantification de la Névroglie sur Radio-Autographies **16** 466 (1972/73)
Fulcrand, J., Marty, R.: Migrations Nevrogliques Dans le Tractus Optique Chez le Rat: Radio-Autographie Quantitative au Cours du Developpement Postnatal **14** 38 (1972)
Fuller, J.H.: The Dynamic Neck-Eye Reflex in Mammals **41** 29 (1980/81)
Funkenstein, H.H., Winter, P.: Responses to Acoustic Stimuli of Units in the Auditory Cortex of Awake Squirrel Monkeys **18** 464 (1973)
Funkenstein, H.H., see Winter, P. **18** 489 (1973)
Furuya, N., Kawano, K., Shimazu, H.: Transcerebellar Inhibitory Interaction between the Bilateral Vestibular Nuclei and its Modulation by Cerebellocortical Activity **25** 447 (1976)
Furuya, N., Kawano, K., Shimazu, H.: Functional Organization of Vestibulofastigial Projection in the Horizontal Semicircular Canal System in the Cat **24** 75 (1975/76)
Furuya, N., Markham, C.H.: Arborization of Axons in Oculomotor Nucleus Identified by Vestibular Stimulation and Intra-axonal Injection of Horseradish Peroxidase **43** 289 (1981)
Fuxe, K., see Hökfelt, T. **9** 63 (1969)
Fuxe, K., see Schwarcz, R., et al. **37** 199 (1979)

G

Gabelnick, H.L., see Bourke, R.S., et al. **10** 17 (1970)
Gagliardi, G.J., see Chapman, C.R., et al. **43** 246 (1981)
Gahéry, Y., Legallet, E.: Influence of Initial Posture on Posturo-Kinetic Co-ordination in the Cat **44** 177 (1981)
Gahéry, Y., see Legallet, E. **40** 35 (1980)
Gahéry, Y., see Coulmance, M., et al. **37** 265 (1979)
Gaillard, F.: Residual Tectal Projection from the Contralateral Central Retina of the Frog After Homolateral Optic Nerve and Main Optic Tract Section. A Possible Input from the Axial Optic Tract **44** 277 (1981)
Gaillard, F., Galand, G.: Diencephalic Binocular Wide Field Neurons in the Frog **34** 511 (1978/1979)
Gaillard, F., Galand, G.: Mapping Studies of the Tectal Representation of the Frog Binocular Visual Field. A Problem of Methodology **44** 187 (1981)
Gaillard, F., see Cadusseau, J., et al. **36** 41 (1979)
Galand, G., see Cadusseau, J. **40** 339 (1980)
Galand, G., see Gaillard, F. **34** 511 (1978/1979)
Galand, G., see Gaillard, F. **44** 187 (1981)
Galand, G., see Cadusseau, J., et al. **36** 41 (1979)
Galbraith, G.C., see Schultz, W., et al. **24** 365 (1975/76)
Galey, D., see Simon, H., et al. **20** 375 (1974)
Galindo, A., Krnjević, K., Schwartz, S.: Patterns of Firing in Cuneate Neurones and some Effects of Flaxedil **5** 87 (1968)
Galindo, J., Rudomin, P.: The Effects of Gallamine on Field and Dorsal Root Potentials Produced by Antidromic Stimulation of Motor Fibres in the Frog Spinal Cord **32** 135 (1978)
Galletti, C., see Battaglini, P.P., et al. **47** 28 (1982)
Gambarian, L.S., Garibian, A.A., Sarkisian, J.S., Ganadian, V.O.: Conditioned Motor Reflexes in Cats with Damage to the Globus Pallidus **12** 92 (1971)
Gambarian, L.S., Koval, I.N., Garibian, A.A., Sarkisian, J.S.: Conditioned Motor Reflexes in Cats with Damage to the Hippocampus **15** 15 (1972)
Game, C.J.A., Lodge, D.: The Pharmacology of the Inhibition of Dorsal Horn Neurones by Impulses in Myelinated Cutaneous Afferents in the Cat **23** 75 (1975)
Game, C.J.A., see Curtis, D.R., et al. **25** 413 (1976)
Game, C.J.A., see McCulloch, R.M., et al. **21** 515 (1974)
Gan, G.L., see Ellman, G.L. **14** 1 (1972)
Gan, G.L., see Ellman, G.L. **9** 261 (1969)
Ganadian, V.O., see Gambarian, L.S., et al. **12** 92 (1971)
Gandevia, S.C., Burke, D., McKeon, B.B.: Convergence in the Somatosensory Pathway Between Cutaneous Afferents from the Index and Middle Fingers in Man **50** 415 (1983)
Ganes, T., see Andersen, P., et al. **45** 357 (1982)
Ganes, T., see Bland, B.H., et al. **38** 205 (1979/80)
Ganguly, D.K., Ross, H.-G., Haase, J., Cleveland, S.: Effect of Oxotremorine on the Response of Antidromically Activated Renshaw Cells in Decerebrate Cats **25** 35 (1976)
Ganz, L., Haffner, M.E.: Permanent Perceptual and Neurophysiological Effects of Visual Deprivation in the Cat **20** 67 (1974)
Ganz, L., see Spear, P.D. **23** 181 (1975)
Ganz, L., see Ungerleider, L.G., et al. **27** 251 (1977)
Garcia-Rill, E., see Dubrovsky, B. **18** 165 (1973)
Garcia-Segura, L.M., see Baetens, D., et al. **48** 256 (1982)
Gardner, C.R., Phillips, S.W.: The Influence of the Amygdala on the Basal Septum and Preoptic Area of the Rat **29** 249 (1977)
Garey, L.J., Blakemore, C.: The Effects of Monocular Deprivation of Different Neuronal Classes in the Lateral Geniculate Nucleus of the Cat **28** 259 (1977)
Garey, L.J., Saini, K.D.: Golgi Studies of the Normal Development of Neurons in the Lateral Geniculate Nucleus of the Monkey **44** 117 (1981)
Garey, L.J., see Courten, C. de **47** 159 (1982)
Garey, L.J., see Hornung, J.P. **38** 121 (1979/80)
Garey, L.J., see Saini, K.D. **42** 235 (1981)
Garey, L.J., see Creutzfeldt, O.D., et al. **27** 419 (1977)
Garey, L.J., see Dürsteler, M.R., et al. **29** 487 (1977)

Garibian, A.A., see Gambarian, L.S., et al. **15** 15 (1972)
Garibian, A.A., see Gambarian, L.S., et al. **12** 92 (1971)
Garraghty, P.E., Salinger, W.L., MacAvoy, M.G., Schroeder, C.E., Guido, W.: The Shift in X/Y Ratio After Chronic Monocular Paralysis: A Binocularly Mediated, Barbiturate-sensitve Effect in the Adult Lateral Geniculate Nucleus **47** 301 (1982)
Gary-Bobo, E., Bonvallet, M.: Commissural Projection to the Amygdala through the Fimbria Fornix System in the Cat **27** 61 (1977)
Gary-Bobo, E., see Frégnac, Y., et al. **42** 453 (1981)
Gasc, J.-M., see Reid, F.A., et al. **44** 243 (1981)
Gasteiger, E.L., see Decandia, M., et al. **12** 150 (1971)
Gath, I., Ståberg, E.: In Situ Measurement of the Innervation Ratio of Motor Units in Human Muscles **43** 377 (1981)
Gaunitz, U., see Grantyn, A., et al. **39** 49 (1980)
Gauthier, G.M., Hofferer, J.-M.: Eye Tracking of Self-Moved Targets in the Absence of Vision **26** 121 (1976)
Gaze, R.M., Sharma, S.C.: Axial Differences in the Reinnervation of the Goldfish Optic Tectum by Regenerating Optic Nerve Fibres **10** 171 (1970)
Gaze, R.M., see Udin, S.B. **50** 347 (1983)
Gaze, R.M., see Feldman, J.D., et al. **14** 16 (1972)
Gazzaniga, M.S., Young, E.D.: Effects of Commissurotomy on the Processing of Increasing Visual Information **3** 368 (1967)
Gemba, H., Hashimoto, S., Sasaki, K.: Cortical Field Potentials Preceding Visually Initiated Hand Movements in the Monkey **42** 435 (1981)
Gemba, H., see Sasaki, K. **48** 429 (1982)
Gemba, H., see Sasaki, K., et al. **37** 193 (1979)
Gemba, H., see Sasaki, K., et al. **46** 29 (1982)
Gentilucci, M., Scandolara, C., Pigarev, I.N., Rizzolatti, G.: Visual Responses in the Postarcuate Cortex (Area 6) of the Monkey that are Independent of Eye Position **50** 464 (1983)
Georgopoulos, A.P., Kalaska, J.F., Caminiti, R., Massey, J.T.: Interruption of Motor Cortical Discharge Subserving Aimed Arm Movements **49** 327 (1983)
Gerebtzoff, M.A., see Knyihár, E. **18** 383 (1973)
Gerebtzoff, M.A., see Brotchi, J., et al. **32** 459 (1978)
Gerfen, C.R., O'Leary, D.D.M., Cowan, W.M.: A Note on the Transneuronal Transport of Wheat Germ Agglutinin-conjugated Horseradish Peroxidase in the Avian and Rodent Visual Systems **48** 443 (1982)
Gerlach, R.L., see Stuart, D.G., et al. **14** 274 (1972)
Gerrits, H.J.M.: Differences in Peripheral and Foveal Effects Observed in Stabilized Vision **32** 225 (1978)
Gerrits, H.J.M.: Apparent Movements Induced by Stroboscopic Illumination of Stabilized Images **34** 471 (1978/1979)
Gerrits, H.J.M., Vendrik, A.J.H.: Simultaneous Contrast, Filling-in Process and Information Processing in Man's Visual System **11** 411 (1970)
Gerrits, H.J.M., see Coenen, A.M.L., et al. **15** 452 (1972)
Gerrits, H.J.M., see Moors, J., et al. **19** 343 (1974)
Ghandour, M.S., Langley, O.K., Keller, A.: A Comparative Immunohistological Study of Cerebellar Enolases. Double Labelling Technique and Immunoelectronmicroscopy **41** 271 (1980/81)
Ghelarducci, B., see Favilla, M., et al. **33** 41 (1978)
Ghez, C., Martin, J.H.: The Control of Rapid Limb Movement in the Cat. III. Agonist-Antagonist Coupling **45** 115 (1982)
Ghez, C., Shinoda, Y.: Spinal Mechanisms of the Functional Stretch Reflex **32** 55 (1978)
Ghez, C., Vicario, D.: The Control of Rapid Limb Movement in the Cat. II. Scaling of Isometric Force Adjustments **33** 191 (1978)
Ghez, C., Vicario, D.: The Control of Rapid Limb Movement in the Cat. I. Response Latency **33** 173 (1978)
Ghez, C., see Shinoda, Y., et al. **30** 203 (1977)
Gidez, L.I., see D'Adamo, A.F., Jr., et al. **5** 267 (1968)
Gies, B., see Noda, H., et al. **12** 389 (1971)
Giesler, G.J., see Menétrey, D., et al. **27** 15 (1977)
Giffin, F., see Timney, B., et al. **31** 547 (1978)
Gilbert, P.F.C., see Allen, G.I., et al. **27** 81 (1977)
Gilbert, P.F.C., see Allen, G.I., et al. **32** 151 (1978)
Gildenberg, P.L., Hassler, R.: Influence of Stimulation of the Cerebral Cortex on Vestibular Nuclei Units in the Cat **14** 77 (1972)
Gill, M., see Simon, R.G., et al. **13** 504 (1971)
Gilman, S., see Blum, P.S., et al. **34** 1 (1978/1979)
Gilman, S., see Dafny, N., et al. **23** 203 (1975)
Gilman, S., see Marco, L.A., et al. **17** 111 (1973)
Gingold, S.I., see Brito, G.N.O., et al. **46** 52 (1982)
Gioanni, H., Rey, J., Villalobos, J., Bouyer, J.J., Gioanni, Y.: Optokinetic Nystagmus in the Pigeon (Columbia livia). I. Study in Monocular and Binocular Vision **44** 362 (1981)
Gioanni, H., Rey, J., Villalobos, J., Richard, D., Dalbera, A.: Optokinetic Nystagmus in the Pigeon *(Columba livia)*. II. Role of the Pretectal Nucleus of the Accessory Optic System (AOS) **50** 237 (1983)
Gioanni, H., Villalobos, J., Rey, J., Dalbera, A.: Optokinetic Nystagmus in the Pigeon *(Columba livia)*. III. Role of the Nucleus Ectomammillaris (nEM): Interactions in the Accessory Optic System (AOS) **50** 248 (1983)
Gioanni, H., see Batini, C., et al. **26** 407 (1976)
Gioanni, Y., see Gioanni, H., et al. **44** 362 (1981)
Gioanni, Y., see Richard, D., et al. **22** 235 (1975)
Gioffré, D., see Kemali, M., et al. **38** 341 (1979/80)
Giolli, R.A., see Karamanlidis, A.N. **29** 191 (1977)
Giolli, R.A., see Blanks, R.H.I., et al. **48** 228 (1982)
Giretti, M.L., see Blanks, R.H.I., et al. **27** 181 (1977)
Gissler, M., see Glaser, E.M., et al. **36** 411 (1979)
Giuffrida, R., Li Volsi, G., Pantò, M.R., Perciavalle, V., Sapienza, S., Urbano, A.: Single Muscle Organization of Interposito-rubral Projections **39** 261 (1980)
Glad, A., see Magnussen, S. **22** 399 (1975)
Glad, A., see Magnussen, S. **23** 519 (1975)
Glaser, E.M.: Collageless Collages – Photographic Reconstructions, the Easy Way, of Neurons and Other Extended Objects **35** 193 (1979)
Glaser, E.M., Van der Loos, H., Gissler, M.: Tangential Orientation and Spatial Order in Dendrites of Cat Auditory Cortex: A Computer Microscope Study of Golgi-impregnated Material **36** 411 (1979)
Glass, I., Wollberg, Z.: Lability in the Responses of Cells in the Auditory Cortex of Squirrel Monkeys to Species-Specific Vocalizations **34** 489 (1978/1979)
Globus, A., see Lux, H.D., et al. **10** 197 (1970)
Glowinski, J., see Thierry, A.M., et al. **50** 275 (1983)
Gobert, C., see Godaux, E., et al. **49** 28 (1983)
Godaux, E., Halleux, J., Gobert, C.: Adaptive Change of the Vestibulo-Ocular Reflex in the Cat: The Effects of a Long-Term Frequency-Selective Procedure **49** 28 (1983)
Godfraind, J.M., Meulders, M.: Effets de la stimulation sensorielle somatique sur les champs visuels des neurones de la

région genouillée chez le Chat anesthésié au chloralose **9** 183 (1969)
Godfraind, J.M.: Micro-Electrophoretic Studies in the Cat Pulvinar Region: Effect of Acetylcholine **22** 243 (1975)
Godfraind, J.M., see Meulders, M. **9** 201 (1969)
Godschalk, M., Lemon, R.N., Nijs, H.G.T., Kuypers, H.G.J.M.: Behaviour of Neurons in Monkey Peri-arcuate and Precentral Cortex Before and During Visually Guided Arm and Hand Movements **44** 113 (1981)
Goertz, B.: Effect of Ethanol on Rat Brain Protein Synthesis. I. Acute Administration **48** 438 (1982)
Goertz, B.: Effect of γ-Aminobutyric Acid on Cell-free Protein Synthesizing Systems from Mouse Brain **34** 365 (1978/1979)
Gogan, P., Guéritaud, J.P., Horcholle-Bossavit, G., Tyć-Dumont, S.: Electrotonic Coupling Between Motoneurones in the Abducens Nucleus of the Cat **21** 139 (1974)
Gogan, P., Guéritaud, J.P., Horcholle-Bossavit, G., Tyć-Dumont, S.: The Vibrissal Pad as a Pad Source of Sensory Information for the Oculomotor System of the Cat **44** 409 (1981)
Gogan, P., see Destombes, J., et al. **35** 249 (1979)
Golda, V., see Petřek, J., et al. **6** 19 (1968)
Goldberg, J., see Bilotto, G., et al. **47** 343 (1982)
Goldberg, J., see Carmon, A., et al. **25** 103 (1976)
Goldberg, J.M., Fernández, C.: Eye Movements and Vestibular-Nerve Responses Produced in the Squirrel Monkey by Rotations About an Earth-Horizontal Axis **46** 393 (1982)
Goldberger, M.E.: Restitution of Function in the CNS: The Pathologic Grasp in Macaca mulatta **15** 79 (1972)
Golden, G.T., see Harvey, A.R., et al. **47** 437 (1982)
Goldman, J.K., see Bernardis, L.L. **15** 424 (1972)
Goldman, P.S., see Bowden, D.M., et al. **12** 265 (1971)
Goldstein, G.P., see Eidelberg, E., et al. **4** 73 (1967/68)
Goldstein, M., see Schwarcz, R., et al. **37** 199 (1979)
Gonshor, A., see Melvill Jones, G. **45** 45 (1982)
Gonya-Magee, T., Anderson, M.E.: An Electrophysiological Characterization of Projections from the Pedunculopontine Area to Entopenduncular Nucleus and Globus Pallidus in the Cat **49** 269 (1983)
Gonzaga Gawryszewski, L. de, see Volchan, E., et al. **46** 263 (1982)
Gonzalez-Aguilar, F., see Eysel, U.T., et al. **41** 256 (1980/81)
Goodale, M.A.: Cortico-Tectal and Intertectal Modulation of Visual Responses in the Rat's Superior Colliculus **17** 75 (1973)
Goodale, M.A., Foreman, N.P., Milner, A.D.: Visual Orientation in the Rat: A Dissociation of Deficits Following Cortical and Collicular Lesions **31** 445 (1978)
Goodman, D., Kelso, J.A.S.: Exploring the Functional Significance of Physiological Tremor: A Biospectroscopic Approach **49** 419 (1983)
Goodwin, A.W., see Henry, G.H., et al. **32** 245 (1978)
Goodwin, A.W., see Morley, J.W., et al. **49** 291 (1983)
Gootman, P.M., Cohen, M.I.: Evoked Splanchnic Potentials Produced by Electrical Stimulation of Medullary Vasomotor Regions **13** 1 (1971)
Gordon, B., Presson, J.: Orientation Deprivation in Cat: What Produces the Abnormal Cells? **46** 144 (1982)
Gordon, G., Grant, G.: Dorsolateral Spinal Afferents to Some Medullary Sensory Nuclei. An Anatomical Study in the Cat **46** 12 (1982)
Gordon, M., Rubia, F.J., Strata, P.: The Effect of Pentothal on the Activity Evoked in the Cerebellar Cortex **17** 50 (1973)
Goslow, G.E., see Stuart, D.G., et al. **10** 477 (1970)
Goslow, G.E., see Stuart, D.G., et al. **10** 463 (1970)
Gottlieb, G.L., Myklebust, B.M., Penn, R.D., Agarwal, G.C.: Reciprocal Excitation of Muscle Antagonists by the Primary Afferent Pathway **46** 454 (1982)
Gottschaldt, K.-M., Vahle-Hinz, C.: Evidence Against Transmitter Function of Met-enkephalin and Chemosynaptic Impulse Generation in „Merkel Cell" Mechanoreceptors **45** 459 (1982)
Gottschaldt, K.-M., see Schultz, W., et al. **24** 365 (1975/76)
Gottschalk, B., see Scheich, H., et al. **28** 229 (1977)
Gould, B.B., Rakic, P.: The Total Number, Time of Origin and Kinetics of Proliferation of Neurons Comprising the Deep Cerebellar Nuclei in the Rhesus Monkey **44** 195 (1981)
Grabowska-Andén, M., see Ahlenius, S., et al. **47** 270 (1982)
Graf, W., see Allum, J.H.J., et al. **26** 463 (1976)
Graf, W., see Dichgans, J., et al. **18** 319 (1973)
Graham, J.: Some Topographical Connections of the Striate Cortex with Subcortical Structures in *Macaca fascicularis* **47** 1 (1982)
Grangetto, A., see Rispal-Padel, L. **28** 101 (1977)
Grangetto, A., see Steinberg, R. **25** 99 (1976)
Grant, G., Aldskogius, H.: Silver Impregnation of Degenerating Dendrites, Cells and Axons Central to Axonal Transection. I. A Nauta Study on the Hypoglossal Nerve in Kittens **3** 150 (1967)
Grant, G.: Silver Impregnation of Degenerating Dendrites, Cells and Axons Central to Axonal Transection. II. A Nauta Study on Spinal Motor Neurones in Kittens **6** 284 (1968)
Grant, G., Illert, M., Tanaka, R.: Integration in Descending Motor Pathways Controlling the Forelimb in the Cat. 6. Anatomical Evidence Consistent with the Existence of C3-C4 Propriospinal Neurones Projecting to Forelimb Motornuclei **38** 87 (1979/80)
Grant, G., Landgren, S., Silfvenius, H.: Columnar Distribution of U-Fibres from the Postcruciate Cerebral Projection Area of the Cat's Group I Muscle Afferents **24** 57 (1975/76)
Grant, G., Oscarsson, O., Rosén, I.: Functional Organization of the Spinoreticulocerebellar Path with Identification of its SpinalComponent **1** 306 (1966)
Grant, G., Oscarsson, O.: Mass Discharges Evoked in the Olivocerebellar Tract on Stimulation of Muscle and Skin Nerves **1** 329 (1966)
Grant, G., Westman, J.: The Lateral Cervical Nucleus in the Cat. IV. A Light and Electron Microscopical Study after Midbrain Lesions with Demonstration of Indirect Wallerian Degeneration at the Ultra-Structural Level **7** 51 (1969)
Grant, G., see Gordon, G. **46** 12 (1982)
Grant, K., Guéritaud, J.P., Horcholle-Bossavit, G., Tyć-Dumont, S.: Anatomical and Electrophysiological Identification of Motoneurones Supplying the Cat Retractor Bulbi Muscle **34** 541 (1978/1979)
Grant, K., Guéritaud, J.P., Horcholle-Bossavit, G., Tyć-Dumont, S.: Horizontal Vestibular Nystagmus. II. Activity Patterns of Medial Vestibular Neurones during Nystagmus **26** 387 (1976)
Grant, K., Guéritaud, J.P., Horcholle-Bossavit, G., Tyć-Dumont, S.: Horizontal Vestibular Nystagmus. I. Identification of Medial Vestibular Neurones **26** 367 (1976)
Grantyn, A., Grantyn, R., Gaunitz, U., Robiné, K.-P.: Sources of Direct Excitatory and Inhibitory Inputs from the Medial Rhombencephalic Tegmentum to Lateral and Medial Rectus Motoneurons in the Cat **39** 49 (1980)
Grantyn, A., Grantyn, R.: Axonal Patterns and Sites of Termination of Cat Superior Colliculus Neurons Projecting in the Tecto-Bulbo-Spinal Tract **46** 243 (1982)
Grantyn, A., Grantyn, R., Robiné, K.-P., Berthoz, A.: Electroanatomy of Tectal Efferent Connections Related to Eye Movements in the Horizontal Plane **37** 149 (1979)

Grantyn, A., see Grantyn, R. **31** 249 (1978)
Grantyn, A., see Grantyn, R., et al. **50** 377 (1983)
Grantyn, R., Grantyn, A., Schierwagen, A.: Passive Membrane Properties, Afterpotentials and Repetitive Firing of Superior Colliculus Neurons Studied in the Anesthetized Cat **50** 377 (1983)
Grantyn, R., Grantyn, A.: Morphological and Electrophysiological Properties of Cat Abducens Motoneurons **31** 249 (1978)
Grantyn, R., Shapovalov, A.I., Shiriaev, B.I.: Combined Morphological and Electrophysiological Description of Connections Between Single Primary Afferent Fibres and Individual Motoneurons in the Frog Spinal Cord **48** 459 (1982)
Grantyn, R., see Grantyn, A. **46** 243 (1982)
Grantyn, R., see Grantyn, A., et al. **39** 49 (1980)
Grantyn, R., see Grantyn, A., et al. **37** 149 (1979)
Grashuis, J.L., see Van Gisbergen, J.A.M., et al. **23** 407 (1975)
Grashuis, J.L., see Van Gisbergen, J.A.M., et al. **23** 367 (1975)
Grashuis, J.L., see Van Gisbergen, J.A.M., et al. **23** 387 (1975)
Grasso, A., see Braun, M., et al. **25** 93 (1976)
Grau, C., see Delgado-García, J.M., et al. **25** 79 (1976)
Gray, J.A., see Lanfumey, L., et al. **45** 230 (1982)
Gray, J.A., see Rawlins, J.N.P., et al. **37** 49 (1979)
Gray, J.A., see Rawlins, J.N.P., et al. **38** 273 (1979/80)
Graybiel, A., see Lackner, J.R. **44** 312 (1981)
Graybiel, A.M., Ragsdale, C.W., Jr., Moon Edley, S.: Compartments in the Striatum of the Cat Observed by Retrograde Cell Labeling **34** 189 (1978/1979)
Graybiel, A.M.: Visuo-Cerebellar and Cerebello-Visual Connections Involving the Ventral Lateral Geniculate Nucleus **20** 303 (1974)
Graziadei, R., see Wallace, R.B., et al. **43** 207 (1981)
Green, K.F., see Rawlins, J.N.P. **28** 335 (1977)
Greene, R.W., see Stanton, G.B. **44** 419 (1981)
Greenstreet, R.L., see Bowden, D.M., et al. **12** 265 (1971)
Gregor, R.J., see McKinley, P.A., et al. **49** 218 (1983)
Gresty, M., Baker, R.: Neurons with Visual Receptive Field, Eye Movement and Neck Displacement Sensitivity Within and Around the Nucleus Prepositus Hypoglossi in the Alert Cat **24** 429 (1975/76)
Gribenski, A., Caston, J.: Tonic Influence of the Efferent vestibular System on the Spontaneous Afferent Activity from Semicircular Canals in the Frog *(Rana esculenta L.)* **26** 275 (1976)
Griffin, F., see Mitchell, D.E., et al. **25** 109 (1976)
Grigorian, R.A., see Ferin, M., et al. **12** 1 (1971)
Grillner, S.: On the Generation of Locomation in the Spinal Dogfish **20** 459 (1974)
Grillner, S., Hongo, T., Lund, S.: Convergent Effects on Alpha Motoneurones from the Vestibulospinal Tract and a Pathway Descending in the Medial Longitudinal Fasciculus **12** 457 (1971)
Grillner, S., Hongo, T., Lund, S.: The Vestibulospinal Tract. Effects on Alphamotoneurones in the Lumbosacral Spinal Cord in the Cat **10** 94 (1970)
Grillner, S., Rossignol, S., Wallén, P.: The Adaptation of a Reflex Response to the Ongoing Phase of Locomotion in Fish **30** 1 (1977)
Grillner, S., Zangger, P.: On the Central Generation of Locomotion in the Low Spinal Cat **34** 241 (1978/1979)
Grimm, R.J., see Robertson, L.T. **23** 447 (1975)
Grind, W.A. van de, see Molenaar, J. **37** 253 (1979)
Grind, W.A. van de, see Molenaar, J. **37** 65 (1979)
Grind, W.A. van de, see Foerster, M.H., et al. **29** 367 (1977)
Grind, W.A. van de, see Foerster, M.H., et al. **29** 347 (1977)
Groat, W.C. De, Ryall, R.W.: An Excitatory Action of 5-Hydroxytryptamine on Sympathetic Preganglionic Neurones **3** 299 (1967)
Grobstein, P., see Mathers, L.H., et al. **19** 20 (1974)
Grofová, I., Rinvik, E.: An Experimental Electron Microscopic Study on the Striatonigral Projection in the Cat **11** 249 (1970)
Grofová, I., see Rinvik, E. **11** 229 (1970)
Grofova, I., see Deniau, J.M., et al. **47** 105 (1982)
Groll, E., see Haider, M., et al. **5** 45 (1968)
Gross, C.G., see Cowey, A. **11** 128 (1970)
Gross, C.G., see Vaughan, H.G., Jr. **8** 19 (1969)
Grossmann, W., Jurna, I., Nell, T.: The Effect of Reserpine and DOPA on Reflex Activity in the Rat Spinal Cord **22** 351 (1975)
Grossmann, W., see Jurna, I. **24** 473 (1975/76)
Grover, F.S., see Decandia, M., et al. **12** 161 (1971)
Groves, P.M., Linder, J.C.: Dendro-Dendritic Synapses in Substantia Nigra: Descriptions Based on Analysis of Serial Sections **49** 209 (1983)
Groves, P.M., see Wilson, C.J., et al. **30** 161 (1977)
Grünau, M.W. von, Frost, B.J.: Double-Opponent-Process Mechanisms Underlying RF-Structure of Directionally Specific Cells of Cat Lateral Suprasylvian Visual Area **49** 77 (1983)
Grünau, M.W. von: The Role of Maturation and Visual Experience in the Development of Eye Alignment in Cats **37** 41 (1979)
Grünau, M.W. von, Singer, W.: Functional Amblyopia in Kittens with Unilateral Exotropia. II. Correspondence Between Behavioural and Electrophysiological Assessment **40** 305 (1980)
Grünau, M.W. von, Singer, W.: The Role of Binocular Neurons in the Cat Striate Cortex in Combining Information from the Two Eyes **34** 133 (1978/1979)
Grünau, M.W. von, see Singer, W., et al. **40** 294 (1980)
Grünewald, G., see Freund, H.-J. **8** 37 (1969)
Grünewald, G., see Grünewald-Zuberbier, E. **33** 135 (1978)
Grünewald, G., see Freund, H.-J., et al. **8** 53 (1969)
Grünewald-Zuberbier, E., Grünewald, G.: Goal-Directed Movement Potentials of Human Cerebral Cortex **33** 135 (1978)
Grüsser, O.-J., Pause, M., Schreiter, U.: Three Methods to Elicit Sigma-optokinetic Nystagmus in Java Monkeys **35** 519 (1979)
Grüsser, O.-J., see Adler, B. **37** 537 (1979)
Grüsser, O.-J., see Adler, B. **47** 353 (1982)
Grüsser, O.-J., see Behrens, F. **37** 317 (1979)
Grüsser, O.-J., see Büttner, U., et al. **23** 259 (1975)
Grüsser, O.-J., see Eysel, U., et al. **34** 521 (1978/1979)
Grüsser, O.-J., see Foerster, M.H., et al. **29** 367 (1977)
Grüsser, O.-J., see Foerster, M.H., et al. **29** 347 (1977)
Grüsser-Cornehls, U., see Ansorge, K. **29** 445 (1977)
Gruner, J.A., Altman, J.: Swimming in the Rat. Analysis of Locomotor Performance in Comparison to Stepping **40** 374 (1980)
Gruner, J.A., Altman, J., Spivack, N.: Effects of Arrested Cerebellar Development on Locomotion in the Rat. Cinematographic and Electromyographic Analysis **40** 361 (1980)
Grzanna, R., see Jennes, L., et al. **46** 331 (1982)
Gücer, G.: The Effect of Sleep upon the Transmission of Afferent Activity in the Somatic Afferent System **34** 287 (1978/1979)
Guedes, R., Carmo, R.J. do: Influence of Ionic Disturbances Produced by Gastric Washing on Cortical Spreading Depression **39** 341 (1980)
Guedes, R., Watanabe, S., Creutzfeldt, O.D.: Functional Role of Association

Fibres for a Visual Association Area: The Posterior Suprasylvian Sulcus in the Cat **49** 13 (1983)
Guedes, R., see Hicks, T.P. **49** 157 (1983)
Güldner, F.-H.: Numbers of Neurons and Astroglial Cells in the Suprachiasmatic Nucleus of Male and Female Rats **50** 373 (1983)
Güldner, F.-H., Wolff, J.R.: Retinal Afferents Form Gray-Type-I and Type-II Synapses in the Suprachiasmatic Nucleus (Rat) **32** 83 (1978)
Güldner, F.-H., Wolff, J.R.: Self-Innervation of Dendrites in the Rat Suprachiasmatic Nucleus **32** 77 (1978)
Guéritaud, J.P., see Gogan, P., et al. **21** 139 (1974)
Guéritaud, J.P., see Gogan, P., et al. **44** 409 (1981)
Guéritaud, J.P., see Grant, K., et al. **26** 367 (1976)
Guéritaud, J.P., see Grant, K., et al. **34** 541 (1978/1979)
Guéritaud, J.P., see Grant, K., et al. **26** 387 (1976)
Guglielmotti, V., see Kemali, M. **45** 349 (1982)
Guglielmotti, V., see Kemali, M., et al. **38** 341 (1979/80)
Guido, W., see Garraghty, P.E., et al. **47** 301 (1982)
Guilbaud, G., see Lamour, Y., et al. **49** 35 (1983)
Guilbaud, G., see Lamour, Y., et al. **49** 46 (1983)
Guilbaud, G., see Oliveras, J.L., et al. **20** 32 (1974)
Guillemot, J.-P., see Lepore, F. **46** 413 (1982)
Guillery, R.W., Scott, G.L.: Observations of Synaptic Patterns in the Dorsal Lateral Geniculate Nucleus of the Cat: The C Laminae and the Perikaryal Synapses **12** 184 (1971)
Guitton, D., Crommelinck, M., Roucoux, A.: Stimulation of the Superior Colliculus in the Alert Cat: I. Eye Movements and Neck EMG Activity Evoked when the Head is Restrained **39** 63 (1980)
Guitton, D., see Roucoux, A., et al. **39** 75 (1980)
Gutnick, M.J., see Heinemann, U., et al. **27** 237 (1977)

H

Haas, R.J., Werner, J.: Cytokinetics of Neonatal Cerebellar Neurons in Rats as Studied by the „Complete H^3-Thymidine Labelling" Method **18** 59 (1973)
Haase, J., see Ganguly, D.K., et al. **25** 35 (1976)
Habets, A.M.M.C., Lopes da Silva, F.H., Quartel, F.W. de: Autoradiography of the Olfactory-hippocampal Pathway in the Cat with Special Reference to the Perforant Path **38** 257 (1979/80)
Hablitz, J.J., Andersen, P.: Effect of Sodium Ions on Penicillin-induced Epileptiform Activity in Vitro **47** 154 (1982)
Hablitz, J.J.: Altered Burst Responses in Hippocampal CA3 Neurons Injected with EGTA **42** 483 (1981)
Haddad, R.K., see Rabe, A. **5** 259 (1968)
Hämäläinen, H., see Järvilehto, T., et al. **25** 45 (1976)
Hänny, P., see Heydt, R. von der, et al. **31** 523 (1978)
Haffner, M.E., see Ganz, L. **20** 67 (1974)
Haider, M., Groll, E., Studynka, G.: Orientierungs- und Bereitschaftspotentiale bei unerwarteten Reizen **5** 45 (1968)
Hajdu, F., Hassler, R.: Fiber Projections of the Non-Specific Midline Nuclei to the Anterior Dorsal Nucleus of the Thalamus in the Cat **17** 216 (1973)
Hajdu, F., see Somogyi, Gy., et al. **43** 447 (1981)
Hajdu, F., see Somogyi, Gy., et al. **31** 417 (1978)
Hajdu, F., see Tömböl, T., et al. **24** 107 (1975/76)
Hajós, F., Csillag, A., Kálmán, M.: The Effect of Pentobarbital, Chloralhydrate, Ether and Protoveratrine on the Distribution of Synaptic Vesicles in Rat Cortical Synaptosomes **33** 91 (1978)
Hajós, F., Csillag, A., Kálmán, M.: The Morphology of Microtubules in Incubated Synaptosomes. Effect of Low Temperature and Vinblastine **35** 387 (1979)
Hajós, F., Kerpel-Fronius, S.: Electron Histochemical Observation of Succinic Dehydrogenase Activity in Various Parts of Neurons **8** 66 (1969)
Halász, B., see Réthelyi, M. **11** 145 (1970)
Halász, N., Csillik, B.: Experimental Electron Microscopic Studies on Excitatory and Inhibitory Synapses in the Cerebellar Cortex of the Rat **9** 73 (1969)
Hale, P.T., Jervie Sefton, A., Baur, L.A., Cottee, L.J.: Interrelations of the Rat's Thalamic Reticular and Dorsal Lateral Geniculate Nuclei **45** 217 (1982)
Hale, P.T., Sefton, A.J., Dreher, B.: A Correlation of Receptive Field Properties With Conduction Velocity of Cells in the Rat's Retino-geniculo-cortical Pathway **35** 425 (1979)
Hall, R.D., Borbely, A.A.: Acoustically Evoked Potentials in the Rat during Sleep and Waking **11** 93 (1970)
Haller, E.W., Brimble, M.J., Wakerley, J.B.: Phasic Discharge in Supraoptic Neurones Recorded from Hypothalamic Slices **33** 131 (1978)
Halleux, J., see Godaux, E., et al. **49** 28 (1983)
Halliday, A.M., see Blumhardt, L.D. **36** 53 (1979)
Hallin, R.G., Torebjörk, H.E.: Electrically Induced A and C Fibre Responses in Intact Human Skin Nerves **16** 309 (1972/73)
Hallin, R.G., see Torebjörk, H.E. **16** 321 (1972/73)
Hamada, I., see Sakai, M. **41** 195 (1980/81)
Hamamura, M., Shibuki, K., Yagi, K.: Amygdalar Inputs to ADH-secreting Supraoptic Neurones in Rats **48** 420 (1982)
Hamamura, M., Yagi, K.: Stimulation-dependent Changes in Synaptic Effects on Unit Activity of Medial Preoptic Nucleus Neurones in Rats **39** 121 (1980)
Hamasaki, D.I., Hanada, I.: A Comparison of the Shift Response of X- and Y-Cells in the Cat's Retina **50** 117 (1983)
Hamasaki, D.I., Sutija, V.G.: Classification of Cat Retinal Ganglion Cells into X- and Y-Cells with a Contrast Reversal Stimulus **35** 25 (1979)
Hamasaki, D.I., Sutija, V.G.: Development of X- and Y-Cells in Kittens **35** 9 (1979)
Hamasaki, D.I., see Chino, Y.M., et al. **39** 313 (1980)
Hamasaki, D.I., see Cohen, H.I., et al. **38** 299 (1979/80)
Hamasaki, D.I., see Shansky, M.S., et al. **43** 57 (1981)
Hamasaki, D.I., see Tucker, G.S., et al. **48** 263 (1982)
Hamasaki, D.I., see Tucker, G.S., et al. **37** 459 (1979)
Hamernik, R.P., see Salvi, R.J., et al. **32** 301 (1978)
Hamilton, D.M., see Vierck, Ch.J., Jr., et al. **13** 140 (1971)
Hamm, T.M., Botterman, B.R., Reinking, R.M., Stuart, D.G.: Characteristics of M Spikes in Cat Motoneurones and Their Significance for the Measurement of Small Composite Ia EPSPs **49** 68 (1983)
Hammer, R., see Finger, S., et al. **12** 354 (1971)
Hammond, C., see Deniau, J.M., et al. **32** 409 (1978)
Hammond, P., Andrews, D.P.: Orientation Tuning of Cells in Area 17 and 18 of the Cat's Visual Cortex **31** 341 (1978)
Hammond, P., Andrews, D.P.: Collinearity Tolerance of Cells in Area 17 and 18 of the Cat's Visual Cortex: Relative Sensitivity to Straight Lines and Chevrons **31** 329 (1978)
Hammond, P.: Stimulus Dependence of Ocular Dominance of Complex Cells in Area 17 of the Feline Visual Cortex **35** 583 (1979)
Hammond, P., MacKay, D.M.: Differential Responses of Cat Visual Cortical Cells to Textured Stimuli **22** 427 (1975)
Hammond, P., MacKay, D.M.: Differential Responsiveness of Simple and Complex Cells in Cat Striate Cortex to Visual Texture **30** 275 (1977)

Hammond, P., MacKay, D.M.: Effects of Luminance Gradient Reversal on Complex Cells in Cat Striate Cortex **49** 453 (1983)
Hammond, P.: Non-stationarity of Ocular Dominance in Cat Striate Cortex **42** 189 (1981)
Hammond, P., Smith, A.T.: On the Sensitivity of Complex Cells in Feline Striate Cortex to Relative Motion **47** 457 (1982)
Hammond, P.: Receptive Field Mechanisms of Sustained and Transient Retinal Ganglion Cells in the Cat **23** 113 (1975)
Hammond, P.: Simultaneous Determination of Directional Tuning of Complex Cells in Cat Striate Cortex for Bar and for Texture Motion **41** 364 (1980/81)
Hamon, B., see Albe-Fessard, D., et al. **50** 34 (1983)
Hámori, J., Mezey, É.: Serial and Triadic Synapses in the Cerebellar Nuclei of the Cat **30** 259 (1977)
Hámori, J., Mezey, É., Szentágothai, J.: Electron Microscopic Identification of Cerebellar Nucleo-Cortical Mossy Terminals in the Rat **44** 97 (1981)
Hámori, J., Szentágothai, J.: Identification under the Electron Microscope of Climbing Fibres and their Synaptic Contacts **1** 65 (1966)
Hámori, J., Szentágothai, J.: Participation of Golgi Neuron Processes in the Cerebellar Glomeruli: An Electron Microscope Study **2** 35 (1966)
Hámori, J., Szentágothai, J.: Identification of Synapses Formed in a Cerebellar Cortex by Purkinje Axon Collaterals: An Electron Microscope Study **5** 118 (1968)
Hámori, J., see Kruger, L. **10** 1 (1970)
Hámori, J., see Frotscher, M., et al. **30** 549 (1977)
Hámori, J., see Palkovits, M., et al. **28** 189 (1977)
Hámori, J., see Pasik, P., et al. **25** 1 (1976)
Hámori, J., see Pasik, P., et al. **17** 18 (1973)
Hámori, J., see Szentágothai, J., et al. **2** 283 (1966)
Hanada, I., see Hamasaki, D.I. **50** 117 (1983)
Hancke, J.L., Wuttke, W.: Effects of Chemical Lesion of the Ventral Noradrenergic Bundle or of the Medial Preoptic Area on Preovulatory LH Release in Rats **35** 127 (1979)
Hanly, M., MacKay, D.M.: Polarity-Sensitive Perceptual Adaptation to Temporal Sawtooth Modulation of Luminance **35** 37 (1979)
Hannus, M.-L., see Lähdesmäki, P. **30** 539 (1977)
Hansen, J.T., see Morgan, W.W. **32** 429 (1978)
Hanus, M., see Boisacq-Schepens, N. **14** 539 (1972)
Hardy, O., Leresche, N., Jassik-Gerschenfeld, D.: The Spatial Organization of the Excitatory Regions in the Visual Receptive Fields of the Pigeon's Optic Tectum **46** 59 (1982)
Hari, R., Aittoniemi, K., Järvinen, M.-L., Katila, T., Varpula, T.: Auditory Evoked Transient and Sustained Magnetic Fields of the Human Brain. Localization of Neural Generators **40** 237 (1980)
Harnois, C., Filion, M.: Pallidofugal Projections to Thalamus and Midbrain: A Quantitative Antidromic Activation Study in Monkeys and Cats **47** 277 (1982)
Harrell, J.V., Caldwell, R.B., Mize, R.R.: The Superior Colliculus Neurons Which Project to the Dorsal and Ventral Lateral Geniculate Nuclei in the Cat **46** 234 (1982)
Harrington, T., Merzenich, M.M.: Neural Coding in the Sense of Touch: Human Sensations of Skin Indentation Compared with the Responses of Slowly Adapting Mechanoreceptive Afferents Innervating the Hairy Skin of Monkeys **10** 251 (1970)
Harrington, T., see Merzenich, M.M. **9** 236 (1969)
Harris, L.R., Cynader, M.: Modification of the Balance and Gain of the Vestibulo-ocular Reflex in the Cat **44** 57 (1981)
Harris, L.R., Cynader, M.: The Eye Movements of the Dark-reared Cat **44** 41 (1981)
Harris, L.R., see Rauschecker, J.P. **50** 69 (1983)
Hartenstein, V., see Jouandet, M.L. **50** 183 (1983)
Hartmann-von-Monakow, K., Akert, K., Künzle, H.: Projections of Precentral and Premotor Cortex to the Red Nucleus and Other Midbrain Areas in Macaca Fascicularis **34** 91 (1978/1979)
Hartmann-von-Monakow, K., Akert, K., Künzle, H.: Projections of the Precentral Motor Cortex and Other Cortical Areas of the Frontral Lobe to the Subthalamic Nucleus in the Monkey **33** 395 (1978)
Hartwig, H.-G., see Schulz, V. **38** 293 (1979/80)
Harvey, A.R., Golden, G.T., Lund, R.D.: Transplantation of Tectal Tissue in Rats. III. Functional Innervation of Transplants by Host Afferents **47** 437 (1982)
Harvey, R.J., see Armstrong, D.M., et al. **18** 19 (1973)
Harvey, R.J., see Armstrong, D.M., et al. **18** 1 (1973)
Harvey, R.J., see Armstrong, D.M., et al. **18** 40 (1973)
Harwerth, R.S., Smith, E.L., III, Boltz, R.L.: Meridional Amblyopia in Monkeys **39** 351 (1980)
Harwerth, R.S., see Boltz, R.L. **37** 87 (1979)
Harwerth, R.S., see Levi, D.M., et al. **43** 270 (1981)
Hasan, Z., see Rymer, W.Z. **44** 101 (1981)
Hashikawa, T., Kawamura, K.: Retrograde Labeling of Ascending and Descending Neurons in the Inferior Colliculus. A Fluorescent Double Labeling Study in the Cat **49** 457 (1983)
Hashimoto, S., see Gemba, H., et al. **42** 435 (1981)
Hashimoto, S., see Sasaki, K., et al. **37** 193 (1979)
Hasselgren, P.O., see Frizell, M., et al. **10** 526 (1970)
Hassler, R., Chung, J.W., Rinne, U., Wagner, A.: Selective Degeneration of Two out of the Nine Types of Synapses in Cat Caudate Nucleus after Cortical Lesions **31** 67 (1978)
Hassler, R., see Gildenberg, P.L. **14** 77 (1972)
Hassler, R., see Hajdu, F. **17** 216 (1973)
Hassler, R., see Chung, J.W., et al. **28** 345 (1977)
Hassler, R., see Frotscher, M., et al. **41** 329 (1980/81)
Hassler, R., see Kataoka, K., et al. **19** 217 (1974)
Hassler, R., see Kim, J.S., et al. **14** 95 (1972)
Hassler, R., see Misgeld, U., et al. **34** 575 (1978/1979)
Hassler, R., see Ödkvist, L.M., et al. **21** 97 (1974)
Hassler, R., see Okada, Y., et al. **13** 514 (1971)
Hassler, R., see Somogyi, Gy., et al. **43** 447 (1981)
Hatada, K., see Kitai, S.T., et al. **21** 403 (1974)
Hatada, K., see Kitai, S.T., et al. **21** 419 (1974)
Hatton, J.D., see Pittman, Q.J., et al. **42** 49 (1981)
Hattori, S., see Kawamura, S., et al. **31** 95 (1978)
Haug, F.-M.Š., see Danscher, G., et al. **16** 521 (1972/73)
Haug, P., Nitsch, C.: Increase in Taurine Content Before Onset of Seizures Induced by a Glutamate Decarboxylase Inhibitor **48** 463 (1982)
Hauglie-Hanssen, E., see Mugnaini, E., et al. **4** 146 (1967/68)
Hauser-Holschuh, H., see Braitenberg, V. **16** 184 (1972/73)
Havlicek, V., see Dakshinamurti, K., et al. **26** 355 (1976)
Hawthorne, M.E., see Donaldson, I.M.L. **34** 27 (1978/1979)
Hayashi, R., Miyake, A., Jijiwa, H., Watanabe, S.: Postural Readjustment to Body Sway Induced by Vibration in Man **43** 217 (1981)
Hayashi, Y., Nagata, T., Tamaki, Y., Iwama, K.: Binocular Interaction in the Superior Colliculus of Chronic Cats **18** 531 (1973)
Hayashi, Y., see Yajima, Y. **50** 359 (1983)
Hayes, B.P., Holden, A.L.: The Distribution of Displaced Ganglion Cells in the Retina of the Pigeon **49** 181 (1983)

Hayes, B.P., Holden, A.L.: The Distribution of Centrifugal Terminals in the Pigeons Retina **49** 189 (1983)
Hayes, B.P., Holden, A.L.: Size Classes of Ganglion Cells in the Central Yellow Field of the Pigeon Retina **39** 269 (1980)
Hayes, N.L., Rustioni, A.: Descending Projections from Brainstem and Sensorimotor Cortex to Spinal Enlargements in the Cat. Single and Double Retrograde Tracer Studies **41** 89 (1980/81)
Hayes, N.L., see Rustioni, A. **43** 237 (1981)
Hayward, J.N., Fairchild, M.D., Stuart, D.G.: Hypothalamic and Cortical D-C Potential Changes Induced by Stimulation of the Midbrain Reticular Formation **1** 205 (1966)
Headley, P.M., see Biscoe, T.J., et al. **26** 547 (1976)
Heggelund, P., Albus, K.: Response Variability and Orientation Discrimination of Single Cells in Striate Cortex of Cat **32** 197 (1978)
Heggelund, P.: Receptive Field Organization of Simple Cells in Cat Striate Cortex **42** 89 (1981)
Heggelund, P.: Receptive Field Organization of Complex Cells in Cat Striate Cortex **42** 99 (1981)
Heggelund, P., Hohmann, A.: Responses of Striate Cortical Cells to Moving Edges of Different Curvatures **23** 211 (1975)
Heggelund, P., see Kasamatsu, T. **45** 317 (1982)
Heggelund, P., see Lee, B.B., et al. **27** 301 (1977)
Heilbronn, E., see Cedergren, E., et al. **16** 400 (1972/73)
Heilig, P., see Heiss, W.-D., et al. **4** 321 (1967/68)
Heimer, L., Wall, P.D.: The Dorsal Root Distribution to the Substantia Gelatinosa of the Rat with a Note on the Distribution in the Cat **6** 89 (1968)
Hein, A., see Cynader, M., et al. **25** 139 (1976)
Hein, A., see Cynader, M., et al. **22** 267 (1975)
Heinemann, H., see Baust, W. **3** 12 (1967)
Heinemann, U., Lux, H.D., Gutnick, M.J.: Extracellular Free Calcium and Potassium during Pyroxysmal Activity in the Cerebral Cortex of the Cat **27** 237 (1977)
Heinemann, U., Pumain, R.: Extracellular Calcium Activity Changes in Cat Sensorimotor Cortex Induced by Iontophoretic Application of Aminoacids **40** 247 (1980)
Heinemann, U., see Dietzel, I., et al. **46** 73 (1982)
Heinemann, U., see Dietzel, I., et al. **40** 432 (1980)
Heiss, W.-D., Heilig, P., Hoyer, J.: Die Aktivität von Einzelfasern des Nervus opticus bei verschiedenen Temperaturen **4** 321 (1967/68)
Held, I., Young, I.J.: A Comparative Study of the Somato-Axonal Flow of Protein in the Feline Hypoglossal and Vagus Nerves **8** 150 (1969)
Hellweg, F.C., Koch, R., Vollrath, M.: Representation of the Cochlea in the Neocortex of Guinea Pigs **29** 467 (1977)
Hellweg, F.C., Meyer-Lohmann, J., Benecke, R., Windhorst, U.: Responses of Renshaw Cells to Muscle Ramp Stretch **21** 353 (1974)
Hellweg, F.C., see Benecke, R., et al. **21** 113 (1974)
Hellweg, F.C., see Creutzfeldt, O.D., et al. **39** 87 (1980)
Henatsch, H.-D., see Schäfer, S.-S. **4** 275 (1967/68)
Henatsch, H.-D., see Takano, K. **12** 422 (1971)
Henatsch, H.-D., see Benecke, R., et al. **23** 13 (1975)
Henatsch, H.-D., see Benecke, R., et al. **27** 271 (1977)
Henderson, D., see Salvi, R.J., et al. **32** 301 (1978)
Henderson, G., Pepper, C.M., Shefner, S.A.: Electrophysiological Properties of Neurones Contained in the Locus Coeruleus and Mesencephalic Nucleus of the Trigeminal Nerve in vitro **45** 29 (1982)
Henderson, Z.: An Anatomical Investigation of Projections from Lateral Geniculate Nucleus to Visual Cortical Areas 17 and 18 in Newborn Kitten **46** 177 (1982)
Hendrickson, A., see Dineen, J., et al. **47** 446 (1982)
Henkel, C.K., see Martin, G.F., et al. **24** 219 (1975/76)
Henken, D.B., see Cowey, A., et al. **48** 149 (1982)
Henn, V., see Jäger, J. **41** 108 (1980/81)
Henn, V., see Waespe, W. **30** 323 (1977)
Henn, V., see Waespe, W. **43** 349 (1981)
Henn, V., see Waespe, W. **37** 337 (1979)
Henn, V., see Waespe, W. **27** 523 (1977)
Henn, V., see Waespe, W. **33** 203 (1978)
Henn, V., see Büttner, U., et al. **30** 435 (1977)
Henn, V., see Hepp, K., et al. **45** 253 (1982)
Henn, V., see Waespe, W., et al. **43** 337 (1981)
Henry, G.H., Goodwin, A.W., Bishop, P.O.: Spatial Summation of Responses in Receptive Fields of Single Cells in Cat Striate Cortex **32** 245 (1978)
Henry, J.L., Calaresu, F.R.: Pathways from Medullary Nuclei to Spinal Cardioacceleratory Neurons in the Cat **20** 505 (1974)
Henry, J.L., Calaresu, F.R.: Origin and Course of Crossed Medullary Pathways to Spinal Sympathetic Neurons in the Cat **20** 515 (1974)
Henry, J.L., Calaresu, F.R.: Excitatory and Inhibitory Inputs from Medullary Nuclei Projecting to Spinal Cardioacceleratory Neurons in the Cat **20** 485 (1974)
Henry, K.R., see Willott, J.F., et al. **28** 443 (1977)
Hensel, H., see Konietzny, F., et al. **42** 219 (1981)
Hentzen, K., see Lincoln, D.W., et al. **38** 151 (1979/80)
Hepp, K., Henn, V., Jaeger, J.: Eye Movement Related Neurons in the Cerebellar Nuclei of the Alert Monkey **45** 253 (1982)
Hepp-Reymond, M.-C., Trouche, E., Wiesendanger, M.: Effects of Unilateral and Bilateral Pyramidotomy on a Conditioned Rapid Precision grip in Monkeys (Macaca fascicularis) **21** 519 (1974)
Hepp-Reymond, M.-C., see Smith, A.M., et al. **23** 315 (1975)
Hepp-Reymond, M.-C., see Whittington, D.A., et al. **41** 358 (1980/81)
Herchl, R., see Dakshinamurti, K., et al. **26** 355 (1976)
Herman, D., see Zarzecki, P., et al. **50** 408 (1983)
Herman, R., Herman, R., Maulucci, R.: Visually Triggered Eye-Arm Movements in Man **42** 392 (1981)
Herman, R., Maulucci, R., Stuyck, J.: Development and Plasticity of Visual and Vestibular Generated Eye Movements **47** 69 (1982)
Herman, R., see Herman, R., et al. **42** 392 (1981)
Hernández, A.G., Suárez, G., Roman, H., Dawidowicz, K.: Protein Synthesis by Synaptosomes from Rat Brain: The Effect of Centrifugal Forces **33** 325 (1978)
Herndon, R.M.: Thiophen Induced Granule Cell Necrosis in the Rat Cerebellum / An Electron Microscopic Study **6** 49 (1968)
Herschkowitz, N., see Bologa, L., et al. **50** 84 (1983)
Hertz, L., see Lund-Andersen, H. **11** 199 (1970)
Hertz, L., see Arnfred, T., et al. **11** 373 (1970)
Hertz, L., see Møller, M., et al. **21** 299 (1974)
Héry, M., Dusticier, G., Calas, A.: Application of the 2-deoxy-(1-^{14}C) Glucose Method to the Study of Suprachiasmatic Nucleus Activity and Functions: Phasic Luteinizing Hormone Secretion and Serotonin Innervation **47** 465 (1982)
Herz, A., Niedner, I., Fraling, F., Sommer-Smith, J.: Corticale und subcorticale Reaktionspotentiale nach sensorischer Reizung bei der wachen und schlafenden Katze **1** 249 (1966)
Herz, A., Zieglgänsberger, W., Färber, G.: Microelectrophoretic Studies Concerning the Spread of Glutamine Acid and GABA in Brain Tissue **9** 221 (1969)

Herz, A., see Zieglgänsberger, W. **13** 111 (1971)
Herz, A., see Schubert, P., et al. **17** 539 (1973)
Hess, B., see Schultz, W., et al. **43** 413 (1981)
Hess, R., Murata, K.: Effects of Glutamate and GABA on Specific Response Properties of Neurones in Visual Cortex **21** 285 (1974)
Hess, R., Negishi, K., Creutzfeldt, O.D.: The Horizontal Spread of Intracortical Inhibition in the Visual Cortex **22** 415 (1975)
Hess, R., Wolters, W.: Responses of Single Cells in Cat's Lateral Geniculate Nucleus and Area 17 to the Velocity of Moving Visual Stimuli **34** 273 (1979/1979)
Hess, R.F., France, T.D., Tulunay-Keesey, U.: Residual Vision in Humans Who Have Been Monocularly Deprived of Pattern Stimulation in Early Live **44** 295 (1981)
Hester, N.S., see Ridley, R.M., et al. **27** 539 (1977)
Heumann, D., Rabinowicz, T.: Postnatal Development of the Visual Cortex of the Mouse After Enucleation at Birth **46** 99 (1982)
Heumann, D., Rabinowicz, T.: Postnatal Development of the Dorsal Lateral Geniculate Nucleus in the Normal and Enucleated Albino Mouse **38** 75 (1979/80)
Heydt, R. von der, Adorjani, C., Hänny, P., Baumgartner, G.: Disparity Sensitivity and Receptive Field Incongruity of Units in the Cat Striate Cortex **31** 523 (1978)
Hickey, T.L., Spear, P.D.: Retinogeniculate Projections in Hooded and Albino Rats: An Autoradiographic Study **24** 523 (1975/76)
Hicks, T.P., Guedes, R.: Neuropharmacological Properties of Electrophysiologically Identified, Visually Responsive Neurones of the Posterior Lateral Suprasylvian Area. A Microiontophoretic Study **49** 157 (1983)
Hida, T., see Shimizu, N., et al. **37** 139 (1979)
Higatsberger, M.R., Sperk, G., Bernheimer, H., Shannak, K.S., Hornykiewicz, O.: Striatal Ganglioside Levels in the Rat Following Kainic Acid Lesions: Comparison with Huntington's Disease **44** 93 (1981)
Highstein, S.M.: The Organization of the Vestibulo-Oculomotor and Trochlear Reflex Pathways in the Rabbit **17** 285 (1973)
Highstein, S.M.: Synaptic Linkage in the Vestibulo-Ocular and Cerebello-Vestibular Pathways to the VIth Nucleus in the Rabbit **17** 301 (1973)
Highstein, S.M., Ito, M., Tsuchiya, T.: Synaptic Linkage in the Vestibulo-Ocular Reflex Pathway of Rabbit **13** 306 (1971)
Highstein, S.M., see Fukuda, J., et al. **14** 511 (1972)
Hikosaka, O., Igusa, Y., Imai, H.: Inhibitory Connections of Nystagmus-related Reticular Burst Neurons with Neurons in the Abducens, Prepositus Hypoglossi and Vestibular Nuclei in the Cat **39** 301 (1980)
Hikosaka, O., Igusa, Y., Nakao, S., Shimazu, H.: Direct Inhibitory Synaptic Linkage of Pontomedullary Reticular Burst Neurons with Abducens Motoneurons in the Cat **33** 337 (1978)
Hikosaka, O., Igusa, Y.: Axonal Projection of the Prepositus Hypoglossi and Reticular Neurons in the Brainstem of the Cat **39** 441 (1980)
Hikosaka, O., Kawakami, T.: Inhibitory Reticular Neurons Related to the Quick Phase of Vestibular Nystagmus- Their Location and Projection **27** 377 (1977)
Hikosaka, O., Maeda, M., Nakao, S., Shimazu, H., Shinoda, Y.: Presynaptic Impulses in the Abducens Nucleus and their Relation to Postsynaptic Potentials in Motoneurons during Vestibular Nystagmus **27** 355 (1977)
Hikosaka, O., Maeda, M.: Cervical Effects on Abducens Motoneurons and Their Interaction with Vestibulo-Ocular Reflex **18** 512 (1973)
Hikosaka, O., see Ishimine, S., et al. **40** 154 (1980)
Hilbig, R., Rahmann, H.: Changes in the Protein Metabolism of the CNS of a Teleost Following Stimulation of the Lateral-Line Organ **26** 249 (1976)
Hill, R.M., see Horn, G., et al. **15** 113 (1972)
Hillman, D.E.: Light and Electron Microscopical Study of the Relationships between the Cerebellum and the Vestibular Organ of the Frog **9** 1 (1969)
Hillman, P., Wall, P.D.: Inhibitory and Excitatory Factors Influencing the Receptive Fields of Lamina 5 Spinal Cord Cells **9** 284 (1969)
Hillman, P., see Blakemore, C. **30** 187 (1977)
Hilz, R., Rentschler, I., Brettel, H.: Insensitivity of Peripheral Vision to Spatial Phase **43** 111 (1981)
Hilz, R., Rentschler, I., Brettel, H.: Myopic and Strabismic Amblyopia: Substantial Differences in Human Visual Development **30** 445 (1977)
Hilz, R., see Rentschler, I. **37** 187 (1979)
Hilz, R., see Rentschler, I., et al. **44** 154 (1981)
Hin, T., see Lincoln, D.W., et al. **38** 151 (1979/80)
Hirai, N., Hwang, J.C., Wilson, V.J.: Comparison of Dynamic Properties of Canal-evoked Vestibulospinal Reflexes of the Neck and Forelimb in the Decerebrate Cat **36** 393 (1979)
Hirai, N., see Brink, E.E., et al. **38** 285 (1979/80)
Hirai, N., see Uchino, Y., et al. **32** 377 (1978)
Hirai, T., Onodera, S., Kawamura, K.: Cerebellotectal Projections Studied in Cats with Horseradish Peroxidase or Tritiated Amino Acids Axonal Transport **48** 1 (1982)
Hirota, I., see Uno, M., et al. **10** 121 (1970)
Hirsch, H.V.B.: Visual Perception in Cats After Environmental Surgery **15** 405 (1972)
Hirsch, H.V.B., Spinelli, D.N.: Modification of the Distribution of Receptive Field Orientation in Cats by Selective Visual Exposure During Development **12** 509 (1971)
Hirsch, H.V.B., see Spinelli, D.N., et al. **15** 289 (1972)
Hirsch, H.V.B., see Tumosa, N., et al. **47** 119 (1982)
Hishikawa, Y., Cramer, H., Kuhlo, W.: Natural and Melatonin-Induced Sleep in Young Chickens – A Behavioral and Electrographic Study **7** 84 (1969)
Hiss, E., Leicht, R., Schmidt, R.F.: Cutaneous Receptive Fields of Cerebellar Purkynĕ Cells of Unanesthetized Cats **27** 319 (1977)
Ho, C.P., Leong, S.K.: A Cerebellar Projection onto the Pontine Nuclei in the Albino Rat **30** 149 (1977)
Hochwald, G.M., see Wald, A., et al. **25** 157 (1976)
Hock, F., see Ewert, J.-P. **16** 41 (1972/73)
Hoddevik, G.H.: The Pontine Projection to the Flocculonodular Lobe and the Parafloccului Studied by Means of Retrograde Axonal Transport of Horseradish Peroxidase in the Rabbit **30** 511 (1977)
Hoddevik, G.H., Walberg, F.: The Pontine Projection onto Longitudinal Zones of the Paramedian Lobule in the Cat **34** 233 (1978/1979)
Hoddevik, G.H., see Brodal, A. **32** 105 (1978)
Hoddevik, G.H., see Kawamura, K., et al. **19** 1 (1974)
Hoddevik, G.H., see Kotchabhakdi, N., et al. **31** 13 (1978)
Hoddevik, G.H., see Walberg, F., et al. **24** 383 (1975/76)
Hodos, W., Karten, H.J.: Brightness and Pattern Discrimination Deficits in the Pigeon After Lesions of Nucleus Rotundus **2** 151 (1966)
Hökfelt, T., Fuxe, K.: Cerebellar Monoamine Nerve Terminals, a new Type of Afferent Fibers to the Cortex Cerebelli **9** 63 (1969)
Hökfelt, T., Ljungdahl, Å.: Autoradiographic Identification of Cerebral and Cerebellar Cortical Neurons Accumulat-

ing Labeled Gamma-Aminobutyric Acid (^{3}H-GABA) **14** 354 (1972)
Hökfelt, T., see Johansson, O., et al. **38** 1 (1979/80)
Hökfelt, T., see Schwarcz, R., et al. **37** 199 (1979)
Hösli, E., Hösli, L.: Autoradiographic Localization of ^{3}H-GABA and ^{3}H-Muscimol Binding in Rat Cerebellar Cultures **38** 241 (1979/80)
Hösli, E., Hösli, L.: Autoradiographic Studies on the Uptake of ^{3}H-Noradrenaline and ^{3}H-GABA in Cultured Rat Cerebellum **26** 319 (1976)
Hösli, E., see Hösli, L., et al. **42** 43 (1981)
Hösli, E., see Hösli, L., et al. **33** 425 (1978)
Hösli, L., Andrès, P.F., Hösli, E.: Neuron-Glial Interactions: Indirect Effect of GABA on Cultured Glia Cells **33** 425 (1978)
Hösli, L., Hösli, E., Andrès, P.F., Landolt, H.: Evidence That the Depolarization of Glial Cells by Inhibitory Amino Acids is caused by an Efflux of K^+ from Neurones **42** 43 (1981)
Hösli, L., Tebêcis, A.K.: Actions of Amino Acids and Convulsants on Bulbar Reticular Neurones **11** 111 (1970)
Hösli, L., see Hösli, E. **38** 241 (1979/80)
Hösli, L., see Hösli, E. **26** 319 (1976)
Hösli, L., see Curtis, D.R., et al. **6** 1 (1968)
Hösli, L., see Curtis, D.R., et al. **5** 235 (1968)
Hoffer, B., see Olson, L., et al. **35** 47 (1979)
Hoffer, B., see Olson, L., et al. **39** 277 (1980)
Hoffer, B., see Taylor, D., et al. **39** 289 (1980)
Hoffer, B.J., see Wuerthele, S.M., et al. **44** 1 (1981)
Hofferer, J.-M., see Gauthier, G.M. **26** 121 (1976)
Hoffmann, K.-P., Dreher, B.: The Spatial Organization of the Excitatory Region of Receptive Fields in the Cat's Superior Colliculus **16** 354 (1972/73)
Hoffmann, K.-P., Schoppmann, A.: A Quantitative Analysis of the Direction-specific Response of Neurons in the Cat's Nucleus of the Optic Tract **42** 146 (1981)
Hoffmann, K.-P., Straschill, M.: Influences of Cortico-Tectal and Intertectal Connections on Visual Responses in the Cat's Superior Colliculus **12** 120 (1971)
Hoffmann, K.-P., see Dreher, B. **16** 333 (1972/73)
Hoffmann, K.-P., see Schoppmann, A. **35** 495 (1979)
Hoffmann, K.-P., see Sireteanu, R. **34** 591 (1978/1979)
Hoffmann, K.-P., see Straschill, M. **11** 318 (1970)
Hoffmann, K.-P., see Eysel, U., et al. **34** 521 (1978/1979)
Hofmeier, G., see Dietzel, I., et al. **46** 73 (1982)
Hofmeier, G., see Dietzel, I., et al. **40** 432 (1980)
Hof-van Duin, J. van: Visual Field Measurements in Monocularly Deprived and Normal Cats **30** 353 (1977)
Hogan, N., see Bizzi, E., et al. **46** 139 (1982)
Hohmann, A., see Heggelund, P. **23** 211 (1975)
Holden, A.L.: Field Potentials Evoked in the Avian Optic Tectum by Diffuse and Punctiform Luminous Stimuli **39** 427 (1980)
Holden, A.L.: Unitary and Field Potential Responses in the Pigeon Optic Tectum Evoked by Luminous Stimuli **39** 421 (1980)
Holden, A.L., see Hayes, B.P. **49** 189 (1983)
Holden, A.L., see Hayes, B.P. **49** 181 (1983)
Holden, A.L., see Hayes, B.P. **39** 269 (1980)
Holländer, H., Brodal, P., Walberg, F.: Electronmicroscopic Observation on the Structure of the Pontine Nuclei and the Mode of Termination of the Corticopontine Fibres. An Experimental Study in the Cat **7** 95 (1969)
Holländer, H.: The Projection from the Visual Cortex to the Lateral Geniculate Body (LGB). An Experimental Study with Silver Impregnation Methods in the Cat **10** 219 (1970)
Holländer, H.: On the Origin of the Corticotectal Projections in the Cat **21** 433 (1974)
Holländer, H., Sanides, D.: The Retinal Projection to the Ventral Part of the Lateral Geniculate Nucleus. An Experimental Study with Silver-Impregnation Methods and Axoplasmic Protein Tracing **26** 329 (1976)
Holländer, H., see Stone, J. **13** 498 (1971)
Holm, E., Schaefer, H.: Eine Faktorenanalyse von Schwellen subcorticaler Reizantworten – *A Factor Analysis of Subcortical Evoked Potential Thresholds* **8** 79 (1969)
Holman, M.E., see McIntyre, A.K., et al. **4** 243 (1967/68)
Holsheimer, J.: Generation of Theta Activity (RSA) in the Cingulate Cortex of the Rat **47** 309 (1982)
Holstege, G., see Hopkins, D.A. **32** 529 (1978)
Honegger, C.G., see Olpe, H.R., et al. **21** 131 (1974)
Hongo, T., Jankowska, E., Lundberg, A.: The Rubrospinal Tract. II. Fascilitation of Interneuronal Transmission in Reflex Paths to Motoneurones **7** 365 (1969)
Hongo, T., Jankowska, E., Lundberg, A.: The Rubrospinal Tract. I. Effects on Alphamotoneurones Innervating Hindlimb Muscles in Cats **7** 344 (1969)
Hongo, T., Jankowska, E., Lundberg, A.: The Rubrospinal Tract: IV. Effects on Interneurones **15** 54 (1972)
Hongo, T., Jankowska, E., Lundberg, A.: The Rubrospinal Tract: III. Effects on Primary Afferent Terminals **15** 39 (1972)
Hongo, T., Jankowska, E., Lundberg, A.: Convergence of Excitatory and Inhibitory Action on Interneurones in the Lumbosacral Cord **1** 338 (1966)
Hongo, T., Jankowska, E.: Effects from the Sensorimotor Cortex on the Spinal Cord in Cats with Transected Pyramids **3** 117 (1967)
Hongo, T., Kudo, N., Tanaka, R.: The Vestibulospinal Tract: Crossed and Uncrossed Effects on Hindlimb Motoneurones in the Cat **24** 37 (1975/76)
Hongo, T., Okada, Y., Sato, M.: Corticofugal Influences on Transmission to the Dorsal Spinocerebellar Tract from Hindlimb Primary Afferents **3** 135 (1967)
Hongo, T., Okada, Y.: Cortically Evoked Pre- and Postsynaptic Inhibition of Impulse Transmission to the Dorsal Spinocerebellar Tract **3** 163 (1967)
Hongo, T., see Asanuma, H., et al. **34** 73 (1978/1979)
Hongo, T., see Grillner, S., et al. **12** 457 (1971)
Hongo, T., see Grillner, S., et al. **10** 94 (1970)
Hongo, T., see Ito, M., et al. **7** 214 (1969)
Hoover, D.B., Craig, C.R., Colasanti, B.K.: Cholinergic Involvement in Cobalt-Induced Epilepsy in the Rat **29** 501 (1977)
Hopkins, D.A., Holstege, G.: Amygdaloid Projections to the Mesencephalon, Pons and Medulla Oblongata in the Cat **32** 529 (1978)
Horcholle, G., Tyč-Dumont, S.: Activités Unitaires des Neurones Vestibulaires et Oculomoteurs au Cours du Nystagmus **5** 16 (1968)
Horcholle-Bossavit, G., Tyč-Dumont, S.: Phénomènes synaptiques du nystagmus – *Synaptic Phenomena of Nystagmus* **8** 201 (1969)
Horcholle-Bossavit, G., Tyć-Dumont, S.: Evidence for a Rapid Transmission in the Cat Vestibulo-Ocular Pathway **13** 327 (1971)
Horcholle-Bossavit, G., see Batini, C., et al. **42** 383 (1981)
Horcholle-Bossavit, G., see Gogan, P., et al. **44** 409 (1981)
Horcholle-Bossavit, G., see Gogan, P., et al. **21** 139 (1974)
Horcholle-Bossavit, G., see Grant, K., et al. **34** 541 (1978/1979)
Horcholle-Bossavit, G., see Grant, K., et al. **26** 387 (1976)
Horcholle-Bossavit, G., see Grant, K., et al. **26** 367 (1976)
Hore, J., Villis, T.: Arm Movement Performance During Reversible Basal Ganglia Lesions in the Monkey **39** 217 (1980)

Horeyseck, G., Jänig, W.: Reflex Activity in Postganglionic Fibres within Skin and Muscle Nerves Elicited by Somatic Stimuli in Chronic Spinal Cats **21** 155 (1974)
Horeyseck, G., Jänig, W.: Reflexes in Postganglionic Fibers within Skin and Muscle Nerves After Noxious Stimulation of Skin **20** 125 (1974)
Horeyseck, G., Jänig, W.: Reflexes in Postganglionic Fibres within Skin and Muscle Nerves After Mechanical Non-Noxious Stimulation of Skin **20** 115 (1974)
Horn, G., McKay, J.M.: Effects of Lysergic Acid Diethylamide on the Spontaneous Activity and Visual Receptive Fields of Cells in the Lateral Geniculate Nucleus of the Cat **17** 271 (1973)
Horn, G., Stechler, G., Hill, R.M.: Receptive Fields of Units in the Visual Cortex of the Cat in the Presence and Absence of Bodily Tilt **15** 113 (1972)
Horn, G., Wiesenfeld, Z.: Attention in the Cat: Electrophysiological and Behaviour Studies **21** 67 (1974)
Horn, G., see Bradley, P. **41** 121 (1980/81)
Horn, G., see Rose, D. **27** 71 (1977)
Horn, G., see Bradley, P., et al. **41** 115 (1980/81)
Horn, G., see Cipolla-Neto, J., et al. **48** 22 (1982)
Horn, G., see McCabe, B.J., et al. **48** 13 (1982)
Horne, M.K., Tracey, D.J.: The Afferents and Projections of the Ventroposterolateral Thalamus in the Monkey **36** 129 (1979)
Hornung, J.P., Garey, L.J.: A Direct Pathway from Thalamus to Visual Callosal Neurons in Cat **38** 121 (1979/80)
Hornykiewicz, O., see Higatsberger, M.R., et al. **44** 93 (1981)
Hosoya, Y.: The Distribution of Spinal Projection Neurons in the Hypothalamus of the Rat, Studied with the HRP Method **40** 79 (1980)
Hosoya, Y., Matsushita, M.: Identification and Distribution of the Spinal and Hypophyseal Projection Neurons in the Paraventricular Nucleus of the Rat. A Light and Electron Microscopic Study with the Horseradish Peroxidase Method **35** 315 (1979)
Hossmann, K.-A.: Integration konvergierender Afferenzen in der bulbären Formatio Reticularis der Katze – *Integration of Convergent Afferent Volleys in the Bulbar Reticular Formation of the Cat* **7** 143 (1969)
Houk, J.C., see Rymer, W.Z., et al. **37** 93 (1979)
Hounsgaard, J., Yamamoto, C.: Dendritic Spikes in Purkinje Cells of the Guinea Pig Cerebellum Studied in Vitro **37** 387 (1979)
Houten, M. van, Posner, B.I., Walsh, R.J.: Radioautographic Identification of Lactogen Binding Sites in Rat Median Eminence Using ^{125}I-Human Growth Hormone: Evidence for a Prolactin „Short-Loop" Feedback Site **38** 455 (1979/80)
Houten, M. van, see Posner, B.I., et al. **49** 300 (1983)
Howard, B.D., see Norman, R.L. **28** 279 (1977)
Hoyer, J., see Heiss, W.-D., et al. **4** 321 (1967/68)
Hrbek, A., see Prechtl, H.F.R., et al. **3** 184 (1967)
Huang, J., Young, L.R.: Sensation of Rotation About a Vertical Axis with a Fixed Visual Field in Different Illuminations and in the Dark **41** 172 (1980/81)
Hugelin, A., see Bertrand, F., et al. **16** 383 (1972/73)
Hughes, A.: Cat Retina and the Sampling Theorem; the Relation of Transient and Sustained Brisk-Unit Cut-off Frequency to α- and β-Mode Cell Density **42** 196 (1981)
Hughes, A., see Vaney, D.I. **46** 257 (1982)
Hugon, M., see Lacour, M., et al. **37** 563 (1979)
Hull, C.D., see Buchwald, N.A., et al. **4** 58 (1967/68)
Hulme, M.J., see Lee, B.B., et al. **27** 301 (1977)
Hultborn, H., Lindström, S., Wigström, H.: On the Function of Recurrent Inhibition in the Spinal Cord **37** 399 (1979)
Hultborn, H., see Tsukahara, N., et al. **23** 49 (1975)
Humphrey, G.L., see Orman, S.S. **42** 475 (1981)
Hunsperger, R.W.: Die asynchrone und lokal umschriebene Reizwirkung von Mittelfrequenz-Dauerströmen im Hypothalamus der Katze. Ein Beitrag zur Methodik der Hirnreizung – *Asynchronous Locally Delimited Action of Continuous Sine-Wave Alternating Currents* **9** 164 (1969)
Hunsperger, R.W., Roman, D.: The Integrative Role of the Intralaminar System of the Thalamus in Visual Orientation and Perception in the Cat **25** 231 (1976)
Hunsperger, R.W., see Brown, J.L., et al. **8** 113 (1969)
Hunsperger, R.W., see Brown, J.L., et al. **8** 130 (1969)
Hunter, B.E., see Abraham, W.C. **47** 61 (1982)
Hupfer, K., Jürgens, U., Ploog, D.: The Effect of Superior Temporal Lesions on the Recognition of Species-Specific Calls in the Squirrel Monkey **30** 75 (1977)
Hurwitz, R.M., see Peterson, R.P., et al. **4** 138 (1967/68)
Hwang, J.C., Or, T.H., Cheung, Y.M.: Response of Central Vestibular Neurons to Utricular Stimulations in Cats **40** 346 (1980)
Hwang, J.C., see Chan, Y.S., et al. **35** 591 (1979)
Hwang, J.C., see Hirai, N., et al. **36** 393 (1979)
Hydén, H., see Cupello, A. **31** 143 (1978)
Hymson, D.L., see Sakai, K.K., et al. **34** 379 (1978/1979)
Hyvärinen, J., Hyvärinen, L., Linnankoski, I.: Modification of Parietal Association Cortex and Functional Blindness After Binocular Deprivation in Young Monkeys **42** 1 (1981)
Hyvärinen, J., see Leinonen, L., et al. **34** 299 (1978/1979)
Hyvärinen, J., see Leinonen, L., et al. **39** 203 (1980)
Hyvärinen, L., see Hyvärinen, J., et al. **42** 1 (1981)

I

Iggo, A., see Young, D.W. **28** 457 (1977)
Iggo, A., see Cervero, F., et al. **35** 135 (1979)
Igusa, Y., see Hikosaka, O. **39** 441 (1980)
Igusa, Y., see Hikosaka, O., et al. **39** 301 (1980)
Igusa, Y., see Hikosaka, O., et al. **33** 337 (1978)
Ikeda, H., Tremain, K.E.: The Development of Spatial Resolving Power of Lateral Geniculate Neurones in Kittens **31** 193 (1978)
Ikeda, H., Tremain, K.E., Einon, G.: Loss of Spatial Resolution of Lateral Geniculate Nucleus Neurones in Kittens Raised with Convergent Squint Produced at Different Stages in Development **31** 207 (1978)
Ikeda, H., Tremain, K.E.: Amblyopia Occurs in Retinal Ganglion Cells in Cats Reared with Convergent Squint without Alternating Fixation **35** 559 (1979)
Ikeda, H., Wright, M.J.: Sensitivity of Neurones in Visual Cortex (Area 17) Under Different Levels of Anaesthesia **20** 471 (1974)
Ikeda, H., Wright, M.J.: Properties of LGN Cells in Kittens Reared with Convergent Squint: A Neurophysiological Demonstration of Amblyopia **25** 63 (1976)
Ikeda, H., Wright, M.J.: Spatial and Temporal Properties of ‚Sustained' and ‚Transient' Neurones in Area 17 of the Cat's Visual Cortex **22** 363 (1975)
Ikeda, H., Wright, M.J.: Retinotopic Distribution, Visual Latency and Orientation Tuning of ‚Sustained' and ‚Transient' Cortical Neurones in Area 17 of the Cat **22** 385 (1975)
Ikeda, H., see Jacobson, S.G. **34** 11 (1978/1979)
Ikeda, H., see Tremain, K.E. **45** 243 (1982)
Ikeda, M., see Matsushita, M. **10** 488 (1970)
Ikeda, M., see Matsushita, M. **10** 501 (1970)

Ikeda, M., see Matsushita, M. **24** 403 (1975/76)
Iles, J.F.: Responses in Human Pretibial Muscles to Sudden Stretch and to Nerve Stimulation **30** 451 (1977)
Ilinsky, I.A., Kultas-Ilinsky, K., Smith, K.R.: A Stereotaxic Method Based on Ventricular Radiography in the Cat (With Special Reference to the Stereotaxic Topography of the Substantia Nigra) **33** 469 (1978)
Ilinsky, I.A., see Kultas-Ilinsky, K., et al. **33** 481 (1978)
Ilinsky, I.A., see Kultas-Ilinsky, K., et al. **38** 125 (1979/80)
Illert, M., Jankowska, E., Lunberg, A., Odutola, A.: Integration in Descending Motor Pathways Controlling the Forelimb in the Cat. 7. Effects from the Reticular Formation on C3-C4 Propriospinal Neurones **42** 269 (1981)
Illert, M., Lundberg, A., Padel, Y., Tanaka, R.: Integration in Descending Motor Pathways Controlling the Forelimb in the Cat. 5. Properties of and Monosynaptic Excitatory Convergence on C3-C4 Propriospinal Neurones **33** 101 (1978)
Illert, M., Lundberg, A., Tanaka, R.: Integration in Descending Motor Pathways Controlling the Forelimb in the Cat. 3. Convergence on Propriospinal Neurones Transmitting Disynaptic Excitation from the Corticospinal Tract and Other Descending Tracts **29** 323 (1977)
Illert, M., Lundberg, A., Tanaka, R.: Integration in Descending Motor Pathways Controlling the Forelimb of the Cat. 1. Pyramidal Effects on Motoneurones **26** 509 (1976)
Illert, M., Lundberg, A., Tanaka, R.: Integration in Descending Motor Pathways Controlling the Forelimb of the Cat. 2. Convergence on Neurones Mediating Disynaptic Cortico-Motoneuronal Excitation **26** 521 (1976)
Illert, M., Tanaka, R.: Integration in Descending Motor Pathways Controlling the Forelimb in the Cat. Corticospinal Inhibition of Forelimb Motoneurones Mediated by Short Propriospinal Neurones **31** 131 (1978)
Illert, M., see Grant, G., et al. **38** 87 (1979/80)
Imai, H., see Hikosaka, O., et al. **39** 301 (1980)
Imbert, M., Buisseret, P.: Receptive Field Characteristics and Plastic Properties of Visual Cortical Cells in Kittens Reared with or without Visual Experience **22** 25 (1975)
Imbert, M., see Frégnac, Y., et al. **42** 453 (1981)
Impelman, D.M., see Brooks, B.A. **42** 489 (1981)
Impelman, D.M., see Brooks, B.A., et al. **40** 322 (1980)
Ingvar, D.H., Risberg, J.: Increase of Regional Cerebral Blood Flow During Mental Effort in Normals and in Patients with Focal Brain Disorders **3** 195 (1967)
Ingvar, D.H., see Baldy-Moulinier, M. **5** 55 (1968)
Ingvar, D.H., see Freeman, J. **5** 61 (1968)
Ingvar, D.H., see Risberg, J. **5** 72 (1968)
Ingvar, D.H., see Brock, M., et al. **4** 126 (1967/68)
Ingvar, D.H., see Risberg, J., et al. **8** 321 (1969)
Innocenti, G.M., Caminiti, R.: Postnatal Shaping of Callosal Connections from Sensory Areas **38** 381 (1979/80)
Innocenti, G.M., Frost, D.O.: The Postnatal Development of Visual Callosal Connections in the Absence of Visual Experience or of the Eyes **39** 365 (1980)
Innocenti, G.M., Manzoni, T., Spidalieri, G.: Patterns of the Somesthetic Messages Transferred Throught the Corpus Callosum **19** 447 (1974)
Innocenti, G.M., see Caminiti, R. **42** 53 (1981)
Innocenti, G.M., see Caminiti, R., et al. **35** 295 (1979)
Innocenti, G.M., see Creutzfeldt, O.D., et al. **21** 315 (1974)
Ionescu, D., see Steriade, M. **4** 256 (1967/68)
Ionescu, D.A.: Post-Primary Flash-Evoked Responses in Unanaesthetized Night- and Day-Active Monkeys **7** 275 (1969)
Iosif, G., see Bisti, S., et al. **14** 24 (1972)
Iosif, G., see Buchtel, H.A., et al. **15** 278 (1972)
Irle, E., Markowitsch, H.J.: Thiamine Deficiency in the Cat Leads to Severe Learning Deficits and to Widespread Neuroanatomical Damage **48** 199 (1982)
Irle, E., Markowitsch, H.J.: Connections of the Hippocampal Formation, Mamillary Bodies, Anterior Thalamus and Cingulate Cortex. A Retrograde Study Using Horseradish Peroxidase in the Cat **47** 79 (1982)
Irle, E., see Markowitsch, H.J. **41** 233 (1980/81)
Irvine, D.R.F., see Moore, D.R. **41** 301 (1980/81)
Irvine, D.R.F., see Moore, D.R. **38** 103 (1979/80)
Ishikawa, K., Kawaguchi, S., Rowe, M.J.: Actions of Afferent Impulses from Muscle Receptors on Cerebellar Purkyně Cells. II. Responses to Muscle Contraction: Effects Mediated Via the Climbing Fiber Pathway **16** 104 (1972/73)
Ishikawa, K., Kawaguchi, S., Rowe, M.J.: Actions of Afferent Impulses from Muscle Receptors on Cerebellar Purkyně Cells. I. Responses to Muscle Vibration **15** 177 (1972)
Ishimine, S., Hikosaka, O., Nakamura, Y.: Spatio-temporal Patterns of Pre- and Postsynaptic Inhibition Induced by Primary Afferent Activation in the Trigeminal Sensory Nucleus in Cats **40** 154 (1980)
Ishimine, S., see Nakamura, Y., et al. **29** 405 (1977)
Ishimine, S., see Nakamura, Y., et al. **29** 45 (1977)
Ito, M., Hongo, T., Okada, Y.: Vestibular-Evoked Postsynaptic Potentials in Deiters Neurones **7** 214 (1969)
Ito, M., Jastreboff, P.J., Miyashita, Y.: Specific Effects of Unilateral Lesions in the Flocculus Upon Eye Movements in Albino Rabbits **45** 233 (1982)
Ito, M., Jastreboff, P.J., Miyashita, Y.: Adaptive Modification of the Rabbit's Horizontal Vestibulo-ocular Reflex During Sustained Vestibular and Optokinetic Stimulation **37** 17 (1979)
Ito, M., Kawai, N., Udo, M., Mano, N.: Axon Reflex Activation of Deiters Neurones from the Cerebellar Cortex through Collaterals of the Cerebellar Afferents **8** 249 (1969)
Ito, M., Kawai, N., Udo, M., Sato, N.: Cerebellar-Evoked Disinhibition in Dorsal Deiters Neurones **6** 247 (1968)
Ito, M., Kawai, N., Udo, M.: The Origin of Cerebellar-Induced Inhibition of Deiters Neurones. III. Localization of the Inhibitory Zone **4** 310 (1967/68)
Ito, M., Nisimaru, N., Yamamoto, M.: Pathways for the Vestibulo-Ocular Reflex Excitation Arising from Semicircular Canals of Rabbits **24** 257 (1975/76)
Ito, M., Nisimaru, N., Yamamoto, M.: Postsynaptic Inhibition of Oculomotor Neurons Involved in Vestibulo-Ocular Reflexes Arising from Semicircular Canals of Rabbits **24** 273 (1975/76)
Ito, M., Nisimaru, N., Yamamoto, M.: Inhibitory Interaction between the Vestibulo-Ocular Reflexes Arising from Semicircular Canals of Rabbits **26** 89 (1976)
Ito, M., Obata, K., Ochi, R.: The Origin of Cerebellar-Induced Inhibition of Deiters Neurones. II. Temporal Correlation between the Trans-Synaptic Activation of Purkinje Cells and the Inhibition of Deiters Neurones **2** 350 (1966)
Ito, M., Obata, K., Ochi, R., Yoshida, M.: The Origin of Cerebellar-Induced Inhibition of Deiters Neurones. I. Monosynaptic Initation of the Inhibitory Postsynaptic Potentials **2** 330 (1966)
Ito, M., Orlov, L., Shimoyama, I.: Reduction of the Cerebellar Stimulus Effect on Rat Deiters Neurons after Chemical Destruction of the Inferior Olive **33** 143 (1978)
Ito, M., Sanides, D., Creutzfeldt, O.D.: A Study of Binocular Convergence in Cat Visual Cortex Neurons **28** 21 (1977)
Ito, M., Sato, N., Simpson, J.I., Udo, M.: Contribution of Mossy Fiber-Granule Cell Pathway to the Cerebellar-Induced

Delayed Inhibition in Deiters Neurones **12** 223 (1971)
Ito, M., Udo, M., Mano, N., Kawai, N.: Synaptic Action of the Fastigiobulbar Impulses upon Neurones in the Medullary Reticular Formation and Vestibular Nuclei **11** 29 (1970)
Ito, M., Yoshida, M., Obata, K., Kawai, N., Udo, M.: Inhibitory Control of Intracerebellar Nuclei by the Purkinje Cell Axons **10** 64 (1970)
Ito, M., see Creutzfeldt, O.D. **6** 324 (1968)
Ito, M., see Akaike, T., et al. **17** 477 (1973)
Ito, M., see Akaike, T., et al. **18** 446 (1973)
Ito, M., see Akaike, T., et al. **17** 497 (1973)
Ito, M., see Batini, C., et al. **37** 1 (1979)
Ito, M., see Dufossé, M., et al. **33** 139 (1978)
Ito, M., see Fukuda, J., et al. **14** 511 (1972)
Ito, M., see Highstein, S.M., et al. **13** 306 (1971)
Ito, M., see Kawai, N., et al. **8** 190 (1969)
Ito, M., see Obata, K., et al. **4** 43 (1967/68)
Itoh, K.: Efferent Projections of the Pretectum in the Cat **30** 89 (1977)
Itoh, K., Mizuno, N.: Topographical Arrangement of Thalamocortical Neurons in the Centrolateral Nucleus (CL) of the Cat, with Special Reference to a Spino-Thalamo-Motor Cortical Path through the CL **30** 471 (1977)
Itoh, K., see Kawaguchi, S., et al. **35** 511 (1979)
Itoh, K., see Sato, M., et al. **34** 143 (1978/1979)
Iversen, S.D., Mishkin, M.: Perseverative Interference in Monkeys Following Selective Lesions of the Inferior Prefrontal Convexity **11** 376 (1970)
Iwai, E., see Sato, T., et al. **38** 313 (1979/80)
Iwama, K., see Hayashi, Y., et al. **18** 531 (1973)
Iwama, K., see Tsumoto, T., et al. **22** 281 (1975)
Iwata, N., Sakai, Y., Deguchi, T.: Effects of Physostigmine on the Inhibition of Trigeminal Motoneurones by Cutaneous Impulses in the Cat **13** 519 (1971)
Iwata, T., see Kaiya, H., et al. **34** 395 (1978/1979)

J

Jacobowitz, D.M., see Massari, V.J., et al. **34** 177 (1978/1979)
Jacobowitz, D.M., see Roizen, M.F., et al. **24** 203 (1975/76)
Jacobs, G.H., see McCourt, M.E. **49** 443 (1983)
Jacobson, S., see Trojanowski, J.Q. **28** 51 (1977)
Jacobson, S.G., Eames, R.A., McDonald, W.I.: Optic Nerve Fibre Lesions in Adult Cats: Pattern of Recovery of Spatial Vision **36** 491 (1979)
Jacobson, S.G., Ikeda, H.: Behavioural Studies of Spatial Vision in Cats Reared with Convergent Squint: Is Amblyopia Due to Arrest of Development ? **34** 11 (1978/1979)
Jacquemin, J., see Sapienza, S., et al. **43** 47 (1981)
Jaeger, C.B., Lund, R.D.: Transplantation of Embryonic Occipital Cortex to the Brain of Newborn Rats. An Autoradiographic Study of Transplant Histogenesis **40** 265 (1980)
Jäger, J., Henn, V.: Habituation of the Vestibulo-Ocular Reflex (VOR) in the Monkey During Sinusoidal Rotation in the Dark **41** 108 (1980/81)
Jaeger, J., see Hepp, K., et al. **45** 253 (1982)
Jänig, W., Schmidt, R.F., Zimmermann, M.: Two Specific Feedback Pathways to the Central Afferent Terminals of Phasic and Tonic Mechanoreceptors **6** 116 (1968)
Jänig, W., Schmidt, R.F., Zimmermann, M.: Single Unit Responses and the Total Afferent Outflow from the Cat's Foot Pad upon Mechanical Stimulation **6** 100 (1968)
Jänig, W., see Horeyseck, G. **21** 155 (1974)
Jänig, W., see Horeyseck, G. **20** 115 (1974)
Jänig, W., see Horeyseck, G. **20** 125 (1974)
Järvilehto, T., Fruhstorfer, H.: Differentiation between Slow Cortical Potentials Associated with Motor and Mental Acts in Man **11** 309 (1970)
Järvilehto, T., Hämäläinen, H., Laurinen, P.: Characteristics of Single Mechanoreceptive Fibres Innervating Hairy Skin of the Human Hand **25** 45 (1976)
Järvinen, M.-L., see Hari, R., et al. **40** 237 (1980)
Jaffé, E.H., Cuello, A.C., Priestley, J.V.: Localisation of ^{3}H-GABA in the Rat Olfactory Bulb: An in vivo and in vitro Autoradiographic Study **50** 100 (1983)
Jahns, R.: Types of Neuronal Responses in the Rat Thalamus to Peripheral Temperature Changes **23** 157 (1975)
Jahns, R., Werner, J.: Special Aspects of Firing Rates and Thermosensitivity of Preoptic Neurons **21** 107 (1974)
Jakiela, H.G.: Adaptation and Dynamics in X-Cells and Y-Cells of the Cat Retina **24** 335 (1975/76)
Jakiela, H.G., see Linsenmeier, R.A. **36** 301 (1979)
James, A.E., Jr., Novak, G., Bahr, A.L., Burns, B.: The Production of Cerebrospinal Fluid in Experimental Communicating Hydrocephalus **27** 553 (1977)
James, T.A., see Kilpatrick, I.C., et al. **40** 45 (1980)
James, T.A., see MacLeod, N.K., et al. **40** 55 (1980)
Jami, L., Murthy, K.S.K., Petit, J., Zytnicki, D.: Distribution of Physiological Types of Motor Units in the Cat Peroneus Tertius Muscle **48** 177 (1982)
Jami, L., Petit, J.: Heterogeneity of Motor Units Activating Singel Golgi Tendon Organs in Cat Leg Muscles **24** 485 (1975/76)
Jankowska, E., Lundberg, A., Roberts, W.J., Stuart, D.G.: A Long Propriospinal System with Direct Effect on Motoneurones and on Interneurones in the Cat Lumbosacral Cord **21** 169 (1974)
Jankowska, E., see Hongo, T. **3** 117 (1967)
Jankowska, E., see Asanuma, H., et al. **34** 73 (1978/1979)
Jankowska, E., see Hongo, T., et al. **7** 344 (1969)
Jankowska, E., see Hongo, T., et al. **7** 365 (1969)
Jankowska, E., see Hongo, T., et al. **15** 39 (1972)
Jankowska, E., see Hongo, T., et al. **15** 54 (1972)
Jankowska, E., see Hongo, T., et al. **1** 338 (1966)
Jankowska, E., see Illert, M., et al. **42** 269 (1981)
Janzen, R.C.W., Speckman, E.-J., Caspers, H., Elger, C.E.: Cortico-Spinal Connections in the Rat. II. Oligosynaptic and Polysynaptic Responses of Lumbar Motoneurons to Epicortical Stimulation **28** 405 (1977)
Janzen, R.W.C., see Elger, C.E., et al. **28** 385 (1977)
Jarlstedt, J., Karlsson, J.-O.: Evidence of Axonal Transport of RNA in Mammalian Neurons **16** 501 (1972/73)
Jassik-Gerschenfeld, D., see Hardy, O., et al. **46** 59 (1982)
Jastreboff, P.J., see Batini, C., et al. **37** 1 (1979)
Jastreboff, P.J., see Ito, M., et al. **45** 233 (1982)
Jastreboff, P.J., see Ito, M., et al. **37** 17 (1979)
Jean, A., Car, A., Roman, C.: Comparison of Activity in Pontine Versus Medullary Neurones During Swallowing **22** 211 (1975)
Jean, A., see Car, A., et al. **22** 197 (1975)
Jeannerod, M., Putkonen, P.T.S.: Lateral Geniculate Unit Activity and Eye Movements: Saccade-Locked Changes in Dark and in Light **13** 533 (1971)
Jeannerod, M., see Flandrin, J.M. **42** 73 (1981)
Jeannerod, M., see Vital-Durand, F. **20** 297 (1974)
Jeannerod, M., see Berthoz, A., et al. **23** 425 (1975)
Jeannerod, M., see Biguer, B., et al. **46** 301 (1982)
Jeannerod, M., see Clément, G., et al. **42** 34 (1981)
Jeannerod, M., see Courjon, J.H., et al. **28** 235 (1977)

Jeannerod, M., see Magnin, M., et al. **21** 1 (1974)
Jeannerod, M., see Sutkonen, P.T.S., et al. **28** 249 (1977)
Jeanrenaud, B., see Bereiter, D., et al. **39** 33 (1980)
Jeffcoate, S.L., see Johansson, O., et al. **38** 1 (1979/80)
Jeffery, G., Cowey, A., Kuypers, H.G.J.M.: Bifurcating Retinal Ganglion Cell Axons in the Rat, Demonstrated by Retrograde Double Labelling **44** 34 (1981)
Jeffreys, D.A., Axford, J.G.: Source Locations of Pattern-Specific Components of Human Visual Evoked Potentials. II. Component of Extrastriate Cortical Origin **16** 22 (1972/73)
Jeffreys, D.A., Axford, J.G.: Source Locations of Pattern-Specific Components of Human Visual Evoked Potentials. I. Component of Striate Cortical Origin **16** 1 (1972/73)
Jeffreys, D.A., see Smith, A.T. **36** 375 (1979)
Jen, L.S., Lund, R.D., Boles, J.: Further Studies on the Aberrant Crossed Visual Corticotectal Pathway in Rats **33** 405 (1978)
Jeneskog, T., Johansson, H.: The Rubro-Bulbospinal Path. A Descending System Known to Influence Dynamic Fusimotor Neurones and its Interaction with Distal Cutaneous Afferents in the Control of Flexor Reflex Afferent Pathways **27** 161 (1977)
Jeneskog, T., Padel, Y.: Cerebral Cortical Areas of Origin of Excitation and Inhibition of Rubrospinal Cells in the Cat **50** 309 (1983)
Jeneskog, T.: Zonal Termination of the Tecto-olivocerebellar Pathway in the Cat **49** 353 (1983)
Jeneskog, T., see Appelberg, B. **15** 97 (1972)
Jenner, P., see Reavill, C., et al. **37** 309 (1979)
Jennes, L., Beckmann, W.C., Stumpf, W.E., Grzanna, R.: Anatomical Relationships of Serotoninergic and Noradrenalinergic Projections with the GnRH System in Septum and Hypothalamus **46** 331 (1982)
Jennes, L., Stumpf, W.E., Tappaz, M.L.: Anatomical Relationships of Dopaminergic and GABAergic Systems with the GnRH-Systems in the Septohypothalamic Area. Immunohistochemical Studies **50** 91 (1983)
Jerlvall, L., see Ödkvist, L.M., et al. **22** 185 (1975)
Jervie Sefton, A., see Hale, P.T., et al. **45** 217 (1982)
Jijiwa, H., see Hayashi, R., et al. **43** 217 (1981)
Jimenez, J.M., see Delgado-García, J.M., et al. **25** 79 (1976)
Jinnai, K., see Oka, H. **31** 31 (1978)
Jinnai, K., see Oka, H., et al. **37** 115 (1979)
Jinnai, K., see Sasaki, K., et al. **37** 193 (1979)
Jinnai, K., see Sasaki, K., et al. **29** 419 (1977)
Johannesma, P.I.M., see Van Gisbergen, J.A.M., et al. **23** 367 (1975)
Johannesma, P.I.M., see Van Gisbergen, J.A.M., et al. **23** 387 (1975)
Johannesma, P.I.M., see Van Gisbergen, J.A.M., et al. **23** 407 (1975)
Johannsen, C.J., see Peck, C.K., et al. **34** 401 (1978/1979)
Johanson, C.E., Foltz, F.M., Thompson, A.M.: The Clearance of Urea and Sucrose from Isotonic and Hypertonic Fluids Perfused Through the Ventriculo-Cisternal System **20** 18 (1974)
Johanson, C.E., Woodbory, D.M.: Penetration of ^{14}C-Antipyrine and ^{14}C-Barbital into the Choroid Plexus and Cerebrospinal Fluid of the Rat in Vivo **30** 65 (1977)
Johansson, B., see Cedergren, E., et al. **16** 400 (1972/73)
Johansson, B.B.: Indomethacin and Cerebrovascular Permeability to Albumin in Acute Hypertension and Cerebral Embolism in the Rat **42** 331 (1981)
Johansson, H., see Jeneskog, T. **27** 161 (1977)
Johansson, O., Hökfelt, T., Jeffcoate, S.L., White, N., Sternberger, L.A.: Ultrastructural Localization of TRH-like Immunoreactivity **38** 1 (1979/80)
Johnson, D., Jürgens, R., Kongehl, G., Kornhuber, H.H.: Somatosensory Evoked Potentials and Magnitude of Perception **22** 331 (1975)
Johnston, G.A.R., see Curtis, D.R., et al. **12** 547 (1971)
Johnston, G.A.R., see Curtis, D.R., et al. **6** 1 (1968)
Johnston, G.A.R., see Curtis, D.R., et al. **5** 235 (1968)
Johnston, G.A.R., see Curtis, D.R., et al. **10** 447 (1970)
Johnston, G.A.R., see McCulloch, R.M., et al. **21** 515 (1974)
Johnston, I.H., see Curtis, D.R., et al. **5** 235 (1968)
Johnston, M.V., McKinney, M., Coyle, J.T.: Neocortical Cholinergic Innervation: A Description of Extrinsic and Intrinsic Components in the Rat **43** 159 (1981)
Johnston, N.L., Larramendi, L.M.H.: The Separation and Identification of Fractions of Nonmyelinated Axons from the Cerebellum of the Cat **5** 326 (1968)
Johnstone, B.M., see Johnstone, J.R. **40** 111 (1980)
Johnstone, J.R., Johnstone, B.M.: Comment to Salt and Stopp's Paper on Potassium and Cochlear Microphonics **40** 111 (1980)
Jones, E.G., see Rainey, W.T. **49** 229 (1983)
Jonge F.H. de, see Tielen, A.M., et al. **44** 343 (1981)
Jonsson, G., Kasamatsu, T.: Maturation of Monoamine Neurotransmitters and Receptors in Cat Occipital Cortex During Postnatal Critical Period **50** 449 (1983)
Jonsson, G., see Schwarcz, R., et al. **37** 199 (1979)
Joó, F., Csillik, B.: Topographic Correlation between the Hemato-Encephalic Barrier and the Cholinesterase Activity of Brain Cappillaries **1** 147 (1966)
Joó, F., see Dux, E. **47** 252 (1982)
Joó, F., see Dames, W., et al. **36** 259 (1979)
Jordan, M., see Roth, G. **45** 393 (1982)
Joseph, J.-P., see Schlag, J., et al. **40** 170 (1980)
Joshua, D.E., Bishop, P.O.: Binocular Single Vision and Depth Discrimination. Receptive Field Disparities for Central and Peripheral Vision and Binocular Interaction on Peripheral Single Units in Cat Striate Cortex **10** 389 (1970)
Josuá, K.M., see Ramôa, A.S., et al. **49** 373 (1983)
Jouandet, M.L., Hartenstein, V.: Basal Telencephalic Origins of the Anterior Commissure of the Rat **50** 183 (1983)
Joubert, R., see Bologa, L., et al. **50** 84 (1983)
Jouvet, M., see Sakai, K., et al. **49** 311 (1983)
Judge, S.J.: Temporal Interaction Between Human Voluntary Saccades and Rapid Phases of Optokinetic Nystagmus **18** 114 (1973)
Jürgens, R., see Johnson, D., et al. **22** 331 (1975)
Jürgens, U.: Projections from the Cortical Larynx Area in the Squirrel Monkey **25** 401 (1976)
Jürgens, U.: Reinforcing Concominants of Electrically Elicited Vocalizations **26** 203 (1976)
Jürgens, U., Maurus, M., Ploog, D., Winter, P.: Vocalization in the Squirrel Monkey (Saimiri sciureus) Elicited by Brain Stimulation **4** 114 (1967/68)
Jürgens, U., Müller-Preuss, P.: Convergent Projections of Different Limbic Vocalization Areas in the Squirrel Monkey **29** 75 (1977)
Jürgens, U., Ploog, D.: Cerebral Representation of Vocalization in the Squirrel Monkey **10** 532 (1970)
Jürgens, U., Pratt, R.: The Cingular Vocalization Pathway in the Squirrel Monkey **34** 499 (1978/1979)
Jürgens, U., see Hupfer, K., et al. **30** 75 (1977)
Juillard, M.T., see Collin, J.P., et al. **25** 15 (1976)
Julesz, B., see Tyler, C.W. **40** 196 (1980)
Jurna, I., Grossmann, W.: The Effect of

Morphine on the Activity Evoked in Ventrolateral Tract Axons of the Cat Spinal Cord **24** 473 (1975/76)
Jurna, I., see Grossmann, W., et al. **22** 351 (1975)

K

Kaakkola, S., see Panula, P., et al. **34** 155 (1978/1979)
Kaas, J.H., see Norden, J.J., et al. **32** 321 (1978)
Kado, R.T., see Batini, C., et al. **37** 1 (1979)
Kaelber, W.W., see Smaha, L.A. **16** 291 (1972/73)
Kahrilas, P.J., Doty, R.W., Bartlett, J.R.: Failure to Find Luxotonic Responses for Single Units in Visual Cortex of the Rabbit **39** 11 (1980)
Kaisaku, J., see Ogawa, H. **48** 362 (1982)
Kaitz, M., see Tyler, C.W. **27** 203 (1977)
Kaiya, H., Iwata, T., Namba, M., Ago, Y., Mayahara, H., Ogawa, K.: Ultracytochemical Observations of Choline Acetyltransferase Neurons in the Rat Neostriatum **34** 395 (1978/1979)
Kalaska, J.F., see Georgopoulos, A.P., et al. **49** 327 (1983)
Kálmán, M., see Hajós, F., et al. **33** 91 (1978)
Kálmán, M., see Hajós, F., et al. **35** 387 (1979)
Kamei, H., see Matsukawa, K., et al. **46** 425 (1982)
Kamei, H., see Udo, M., et al. **41** 292 (1980/81)
Kamei, H., see Udo, M., et al. **46** 438 (1982)
Kanda, K., Burke, R.E., Walmsley, B.: Differential Control of Fast and Slow Twitch Motor Units in the Decerebrate Cat **29** 57 (1977)
Kaneko, C.R.S., see Evinger, C., et al. **41** 370 (1980/81)
Kannan, H., Yagi, K., Sawaki, Y.: Pontine Neurones: Electrophysiological Evidence of Mediating Carotid Baroreceptor Inputs to Supraoptic Neurones in Rats **42** 362 (1981)
Kanzaki, J., see Watanabe, T., et al. **2** 302 (1966)
Kaplan, E., see Winterkorn, J.M.S., et al. **42** 117 (1981)
Kaplan, R.F., see Wallace, R.B., et al. **24** 343 (1975/76)
Karamanlidis, A.N., Giolli, R.A.: Thalamic Inputs to the Rabbit Visual Cortex: Identification and Organization Using Horseradish Peroxidase (HRP) **29** 191 (1977)
Karasek, M., Vollrath, L.: „Synaptic" Ribbons and Spherules of the Rat Pineal Gland: Day/Night Changes in vitro? **46** 205 (1982)
Karlsson, J.-O., see Jarlstedt, J. **16** 501 (1972/73)
Karten, H.J., see Brauth, S.E. **28** 73 (1977)
Karten, H.J., see Hodos, W. **2** 151 (1966)
Kasahara, M., Uchino, Y.: Bilateral Semicircular Canal Inputs to Neurons in Cat Vestibular Nuclei **20** 285 (1974)
Kasamatsu, T., Adey, W.R.: Immediate Effects of the Total Visual Deafferentation on Single Unit Activity in the Visual Cortex of Freely Behaving Cats. I. Tonic Excitability Changes **20** 157 (1974)
Kasamatsu, T., Adey, W.R.: Immediate Effects of the Total Visual Deafferentation on Single Unit Activity in the Visual Cortex of Freely Behaving Cats. II. Rhythmic EEG Bursts and PGO Waves **20** 171 (1974)
Kasamatsu, T.: A Long-Lasting Change in Ocular Dominance of Kitten Striate Neurons Induced by Reversible Unilateral Blockade of Tonic Retinal Discharges **26** 487 (1976)
Kasamatsu, T., Heggelund, P.: Single Cell Responses in Cat Visual Cortex to Visual Stimulation During Iontophoresis of Noradrenaline **45** 317 (1982)
Kasamatsu, T., see Jonsson, G. **50** 449 (1983)
Kasamatsu, T., see Watabe, K., et al. **48** 66 (1982)
Kaspar, J., Thoden, U.: Effects of Natural Neck Afferent Stimulation on Vestibulo-Spinal Neurons in the Decerebrate Cat **44** 401 (1981)
Kataoka, K., Bak, I.J., Hassler, R., Kim, J.S., Wagner, A.: L-Glutamate Decarboxylase and Choline Acetyltransferase Activity in the Substantia Nigra and the Striatum After Surgical Interruption of the Strio-nigral Fibres of the Baboon **19** 217 (1974)
Katila, T., see Hari, R., et al. **40** 237 (1980)
Kato, H., see Kulikowski, J.J., et al. **44** 371 (1981)
Kato, M., Fukushima, K.: Effect of Differential Blocking of Motor Axons on Antidromic Activation of Renshaw Cells in the Cat **20** 135 (1974)
Kato, M., see Fukushima, K., et al. **44** 441 (1981)
Kato, M., see Fukushima, K., et al. **40** 131 (1980)
Kato, M., see Fukushima, K., et al. **44** 143 (1981)
Kato, M., see Fukushima, K., et al. **41** 75 (1980/81)
Kato, M., see Fukushima, K., et al. **45** 303 (1982)
Katoh, Y., see Shimizu, N., et al. **37** 139 (1979)
Katsuki, Y., see Watanabe, T., et al. **2** 302 (1966)
Katz, R., see Pierrot-Deseilligny, E., et al. **42** 351 (1981)
Kaufman, L., see Romani, G.L., et al. **47** 381 (1982)
Kaufmann, A.B., see Rustioni, A. **27** 1 (1977)
Kawaguchi, S., Ono, T.: Responses to Interpositus Neurones to Inputs from Muscle Receptors **21** 375 (1974)
Kawaguchi, S., Yamamoto, T., Samejima, A., Itoh, K., Mizuno, N.: Morphological Evidence for Axonal Sprouting of Cerebellothalamic Neurons in Kittens After Neonatal Hemicerebellectomy **35** 511 (1979)
Kawaguchi, S., Yamamoto, T., Samejima, A.: Electrophysiological Evidence for Axonal Sprouting of Cerebellothalamic Neurons in Kittens After Neonatal Hemicerebellectomy **36** 21 (1979)
Kawaguchi, S., see Ishikawa, K., et al. **16** 104 (1972/73)
Kawaguchi, S., see Ishikawa, K., et al. **15** 177 (1972)
Kawaguchi, S., see Sasaki, K., et al. **29** 419 (1977)
Kawaguchi, S., see Sasaki, K., et al. **16** 89 (1972/73)
Kawaguchi, S., see Sasaki, K., et al. **16** 75 (1972/73)
Kawaguchi, S., see Sasaki, K., et al. **24** 495 (1975/76)
Kawai, N., Ito, M., Nozue, M.: Postsynaptic Influences on the Vestibular Nuclei from Primary Vestibular Nerve **8** 190 (1969)
Kawai, N., see Ito, M., et al. **11** 29 (1970)
Kawai, N., see Ito, M., et al. **10** 64 (1970)
Kawai, N., see Ito, M., et al. **8** 249 (1969)
Kawai, N., see Ito, M., et al. **6** 247 (1968)
Kawai, N., see Ito, M., et al. **4** 310 (1967/68)
Kawakami, T., see Hikosaka, O. **27** 377 (1977)
Kawamura, K., Brodal, A., Hoddevik, G.H.: The Projection of the Superior Colliculus onto the Reticular Formation of the Brain Stem. An Experimental Anatomical Study in the Cat **19** 1 (1974)
Kawamura, K., Chiba, M.: Cortical Neurons Projecting to the Pontine Nuclei in the Cat. An Experimental Study with the Horseradish Peroxidase Technique **35** 269 (1979)
Kawamura, K., Konno, T.: Various Types of Corticotectal Neurons of Cats as Demonstrated by Means of Retrograde Axonal Transport of Horseradish Peroxidase **35** 161 (1979)
Kawamura, K., see Hashikawa, T. **49** 457 (1983)
Kawamura, K., see Naito, J. **45** 59 (1982)
Kawamura, K., see Hirai, T., et al. **48** 1 (1982)
Kawamura, S., Fukushima, N., Hattori, S., Tashiro, T.: A Ventral Lateral Geniculate Nucleus Projection to the Dorsal Thalamus and the Midbrain in the Cat **31** 95 (1978)
Kawamura, T., see Sato, T., et al. **38** 313 (1979/80)

Kawamura, Y., see Yamamoto, T., et al. **40** 63 (1980)
Kawano, K., see Furuya, N., et al. **25** 447 (1976)
Kawano, K., see Furuya, N., et al. **24** 75 (1975/76)
Keating, E.G., see Dineen, J. **41** 338 (1980/81)
Keating, E.G., see Dineen, J., et al. **47** 446 (1982)
Keating, M.J., see Feldman, J.D., et al. **14** 16 (1972)
Keller, A., see Ghandour, M.S., et al. **41** 271 (1980/81)
Keller, E.L.: Behavior of Horizontal Semicircular Canal Afferents in Alert Monkey During Vestibular and Optokinetic Stimulation **24** 459 (1975/76)
Keller, E.L., Precht, W.: Persistence of Visual Response in Vestibular Nucleus Neurons in Cerebellectomized Cat **32** 591 (1978)
Keller, E.L., see Suzuki, D.A. **47** 145 (1982)
Kelly, J.S., Krnjević, K.: The Action of Glycine on Cortical Neurones **9** 155 (1969)
Kelly, J.S., Krnjević, K., Morris, M.E., Yim, G.K.W.: Anionic Permeability of Cortical Neurones **7** 11 (1969)
Kelly, J.S., see Dreifuss, J.J., et al. **9** 137 (1969)
Kelly, M.J., Kuhnt, U., Wuttke, W.: Morphological Features of Physiologically Identified Hypothalamic Neurons as Revealed by Intracellular Marking **34** 107 (1978/1979)
Kelly, M.J., Kuhnt, U., Wuttke, W.: Hyperpolarization of Hypothalamic Parvocellular Neurons by 17β-Estradiol and Their Identification Through Intracellular Staining with Procion Yellow **40** 440 (1980)
Kelly, M.J., Moss, R.L., Dudley, C.A.: The Effects of Microelectrophoretically Applied Estrogen, Cortisol and Acetylcholine on Medial Preoptic-Septal Unit Activity throughout the Estrous Cycle of the Female Rat **30** 53 (1977)
Kelly, M.J., Moss, R.L., Dudley, C.A., Fawcett, C.P.: The Specifity of the Response of Preoptic-Septal Area Neurons to Estrogen: 17α-Estradiol Versus 17β-Estradiol and the Response of Extrahypothalamic Neurons **30** 43 (1977)
Kelly, M.J., Rønnekleiv, O.K., Eskay, R.L.: Immunocytochemical Localization of Luteinizing Hormone-releasing Hormone in Neurons in the Medial Basal Hypothalamus of the Female Rat **48** 97 (1982)
Kelly, M.J., see Kuhnt, U., et al. **35** 371 (1979)
Kelly, M.J., see Rønnekleiv, O.K., et al. **39** 187 (1980)
Kelso, J.A.S., see Goodman, D. **49** 419 (1983)
Kemali, M., Guglielmotti, V., Gioffré, D.: Neuroanatomical Identification of the Frog Habenular Connections Using Horseradish Peroxidase (HRP) **38** 341 (1979/80)
Kemali, M., Guglielmotti, V.: The Connections of the Frog Interpeduncular Nucleus (ITP) Demonstrated by Horseradish Peroxidase (HRP) **45** 349 (1982)
Kemali, M., Santis, A. de: Large Granular Vesicles in the Frog Spinal Cord **40** 119 (1980)
Kemp, J.A., see Sillito, A.M., et al. **41** 1 (1980/81)
Kendrick, K.M.: Effect of Testosterone and the Oestrous Cycle on Neuronal Refractory Periods and Firing Rates of Stria Terminals Neurones in the Female Rat **44** 331 (1981)
Kennedy, D.T., see Kitai, S.T., et al. **21** 403 (1974)
Kennedy, D.T., see Kitai, S.T., et al. **21** 419 (1974)
Kennedy, H., Baleydier, C.: Direct Projections from Thalamic Intralaminar Nuclei to Extra-Striate Visual Cortex in the Cat Traced with Horseradish Peroxidase **28** 133 (1977)
Kennedy, H., Courjon, J.H., Flandrin, J.M.: Vestibulo-ocular Reflex and Optokinetic Nystagmus in Adult Cats Reared in Stroboscopic Illumination **48** 279 (1982)
Kennedy, H., Magnin, M.: Saccadic Influences on Single Neuron Activity in the Medial Bank of the Cat's Suprasylvian Sulcus (Clare Bishop Area) **27** 315 (1977)
Kennedy, H., Martin, K.A.C., Whitteridge, D.: Treating Monocularly Deprived Lambs with 4-Aminopyridine Produces Rapid Changes in Ocular Dominance Only After Short Periods of Deprivation **47** 313 (1982)
Kennedy, H., see Orban, G.A., et al. **39** 177 (1980)
Kennedy, P.R., Ross, H.-G., Brooks, V.B.: Participation of the Principal Olivary Nucleus in Neocerebellar Motor Control **47** 95 (1982)
Kenshalo, D.R., see Chatt, A.B. **28** 449 (1977)
Kernell, D., Eerbeek, O., Verhey, B.A.: Motor Unit Categorization on Basis of Contractile Properties: An Experimental Analysis of the Composition of the Cat's M. Peroneus Longus **50** 211 (1983)
Kernell, D., Eerbeek, O., Verhey, B.A.: Relation Between Isometric Force and Stimulus Rate in Cat's Hindlimb Motor Units of Different Twitch Contraction Time **50** 220 (1983)
Kernell, D., Monster, A.W.: Motoneurone Properties and Motor Fatigue. An Intracellular Study of Gastrocnemius Motoneurones of the Cat **46** 197 (1982)
Kernell, D., Monster, A.W.: Time Course and Properties of Late Adaptation in Spinal Motoneurones of the Cat **46** 191 (1982)
Kerpel-Fronius, S., see Hajós, F. **8** 66 (1969)
Kerr Grant, D., see Prechtl, H.F.R., et al. **3** 184 (1967)
Kesner, R.P., Doty, R.W.: A "Tegmento-Tubercular Projection" as an Artifact of Third Nerve Stimulation **2** 328 (1966)
Kievit, J., Kuypers, H.G.J.M.: Organization of Thalamo-Cortical Connexions to the Frontal Lobe in the Rhesus Monkey **29** 299 (1977)
Kikuchi, M., see Nakamura, Y., et al. **29** 45 (1977)
Kikuchi, M., see Nakamura, Y., et al. **29** 405 (1977)
Kilpatrick, I.C., Starr, M.S., Fletscher, A., James, T.A., MacLeod, N.K.: Evidence for a GABAergic Nigrothalamic Pathway in the Rat. I. Behavioural and Biochemical Studies **40** 45 (1980)
Kilpatrick, I.C., see MacLeod, N.K., et al. **40** 55 (1980)
Kim, J.S., Bak, I.J., Hassler, R., Okada, Y.: Role of γ-Aminobutyric Acid (GABA) in the Extrapyramidal Motor System 2. Some Evidence for the Existence of a Type of GABA-rich Strionigral Neurons **14** 95 (1972)
Kim, J.S., see Kataoka, K., et al. **19** 217 (1974)
Kim, J.S., see Okada, Y., et al. **13** 514 (1971)
Kimm, J., see Louie, A.W. **24** 447 (1975/76)
Kimoto, Y., see Sakumoto, T., et al. **31** 81 (1978)
King, J.S., Andrezik, J.A., Falls, W.M., Martin, G.F.: The Synaptic Organization of the Cerebello-Olivary Circuit **26** 159 (1976)
King, J.S., Martin, G.F., Bowman, M.H.: The Direct Spinal Area of the Inferior Olivary Nucleus. An Electron Microscopic Study **22** 13 (1975)
King, J.S., see Martin, G.F., et al. **24** 219 (1975/76)
King, W.M., Precht, W., Dieringer, N.: Connections of Behaviorally Identified Cat Omnipause Neurons **32** 435 (1978)
King, W.M., Precht, W., Dieringer, N.: Afferent and Efferent Connections of Cat Omnipause Neurons **38** 395 (1979/80)
Kinugasa, T., see Sakumoto, T., et al. **31** 81 (1978)
Kirby, M.L., see Mattio, T.G., et al. **41** 411 (1980/81)
Kirchner, F., see Kretzschmar, H., et al. **38** 181 (1979/80)
Kirk, C., see Spreafico, B., et al. **40** 209 (1980)
Kirk, D.L., Cleland, B.G., Wässle, H., Levick, W.R.: Axonal Conduction Latencies of Cat Retinal Ganglion Cells in Central and Peripheral Retina **23** 85 (1975)
Kirsch, M., Coles, R.B., Leppelsack, H.-

J.: Unit Recordings from a New Auditory Area in the Frontal Neostriatum of the Awake Starling (Sturnus vulgaris) **38** 375 (1979/80)
Kirschfeld, K.: Die Projektion der optischen Umwelt auf das Raster der Rhabdomere im Komplexauge von MUSCA **3** 248 (1967)
Kiss, A., see Majorossy, K. **26** 19 (1976)
Kiss, A., see Majorossy, K. **26** 1 (1976)
Kitai, S.T., DeFrance, J.F., Hatada, K., Kennedy, D.T.: Electrophysiological Properties of Lateral Reticular Nucleus Cells: II. Synaptic Activation **21** 419 (1974)
Kitai, S.T., Kennedy, D.T., DeFrance, J.F., Hatada, K.: Electrophysiological Properties of Lateral Reticular Nucleus Cells: I.Antidromic Activation **21** 403 (1974)
Kitai, S.T., Kocsis, J.D., Kiyohara, T.: Electrophysiological Properties of Nucleus Reticularis Tegmenti Pontis Cells: Antidromic and Synaptic Activation **24** 295 (1975/76)
Kitai, S.T., Sugimori, M., Kocsis, J.D.: Excitatory Nature of Dopamine in the Nigrocaudate Pathway **24** 351 (1975/76)
Kitai, S.T., Táboffková, H., Tsukahara, N., Eccles, J.C.: The Distribution to the Cerebellar Anterior Lobe of the Climbing and Mossy Fiber Inputs from the Plantar and Palmar Cutaneous Afferents **7** 1 (1969)
Kitai, S.T., Tanaka, T., Tsukahara, N., Yu. H.: The Facial Nucleus of Cat: Antidromic and Synaptic Activation and Peripheral Nerve Representation **16** 161 (1972/73)
Kitai, S.T., Weinberg, J.: Tactile Discrimination Study of the Dorsal Column-Medial Lemniscal System and Spino-Cervico-Thalamic Tract in Cat **6** 234 (1968)
Kitai, S.T., see DeFrance, J.F., et al. **17** 463 (1973)
Kitai, S.T., see DeFrance, J.F., et al. **17** 447 (1973)
Kitai, S.T., see Deniau, J.M., et al. **47** 105 (1982)
Kitai, S.T., see Wilson, C.J., et al. **45** 157 (1982)
Kitsikis, A., Roberge, A.G., Frenette, G.: Effect of L-Dopa an Delayed Response and Visual Discrimination in Cats and its Relation to Brain Chemistry **15** 305 (1972)
Kitsikis, A., see Richard, D., et al. **22** 235 (1975)
Kiyohara, T., see Kitai, S.T., et al. **24** 295 (1975/76)
Kizer, J.S., see Roizen, M.F., et al. **24** 203 (1975/76)
Kleber, J.W., see Clemens, J.A., et al. **12** 250 (1971)
Klee, M.R., Pierau, F.-K., Faber, D.S.: Temperature Effects on Resting Potential and Spike Parameters of Cat Motoneurons **19** 478 (1974)
Klee, M.R., see Misgeld, U., et al. **37** 217 (1979)
Klethi, J., see Pasantes-Morales, H., et al. **19** 131 (1974)
Klinke, R., Evans, E.F.: Evidence that Catecholamines are not the Afferent Transmitter in the Cochlea **28** 315 (1977)
Klinke, R., Oertel, W.: Evidence that GABA is not Afferent Transmitter in the Cochlea **28** 311 (1977)
Klinke, R., Oertel, W.: Evidence that 5-HT is not the Afferent Transmitter in the Cochlea **30** 141 (1977)
Klinke, R., Oertel, W.: Amino Acids-Putative Afferent Transmitter in the Cochlea **30** 145 (1977)
Klinke, R., Pause, M.: Discharge Properties of Primary Auditory Fibres in Caiman Crocodilus: Comparisons and Contrasts to the Mammalian Auditory Nerve **38** 137 (1979/80)
Klinken, L., see Nielsen, M.H., et al. **12** 447 (1971)
Klumpp, D., see Carstens, E., et al. **38** 425 (1979/80)
Kniffki, K.-D., Mense, S., Schmidt, R.F.: Responses of Group IV Afferent Units from Skeletal Muscle to Stretch, Contraction and Chemical Stimulation **31** 511 (1978)
Knoll-Köhler, E., Wojnorowicz, F., Sarkander, H.-J.: Correlated Changes in Neuronal Cerebral Rat Brain RNA Synthesis and Hypo- and Hypermotoric Disorders Induced by 6-Aminonicotinamide (6-AN) **38** 173 (1979/80)
Knyihár, E., Csillik, B.: Effect of Peripheral Axotomy on the Fine Structure and Histochemistry of the Rolando Substance: Degenerative Atrophy of Central Processes of Pseudounipolar Cells **26** 73 (1976)
Knyihár, E., Csillik, B.: Localizations of Inhibitors of the Acetylcholine- and GABA-Synthesizing-Systems in the Rat Brain. An Autoradiographic Assay on the Distribution of ^{14}C-Thiosemicarbazide **11** 1 (1970)
Knyihár, E., Gerebtzoff, M.A.: Extra-Lysosomal Localization of Acid Phosphatase in the Spinal Cord of the Rat **18** 383 (1973)
Knyihár, E., László, I., Tornyos, S.: Fine Structure and Fluoride Resistant Acid Phosphatase Activity of Electron Dense Sinusoid Terminals in the Substantia Gelatinosa Rolandi of the Rat After Dorsal Root Transection **19** 529 (1974)
Koch, R., see Hellweg, F.C., et al. **29** 467 (1977)
Kocsis, J.D., Ruiz, J.A., Cummins, K.L.: Modulation of Axonal Excitability Mediated by Surround Electric Activity: An Intra-axonal Study **47** 151 (1982)
Kocsis, J.D., VanderMaelen, C.P.: A Supernormal Period in Central Axons Following Single Cell Stimulation **36** 381 (1979)
Kocsis, J.D., see Kitai, S.T., et al. **24** 295 (1975/76)
Kocsis, J.D., see Kitai, S.T., et al. **24** 351 (1975/76)
Koenderink, J.J., see Doorn, A.J. van **45** 179 (1982)
Koenderink, J.J., see Doorn, A.J. van **45** 189 (1982)
König, A., see Pitzel, L., et al. **44** 229 (1981)
König, A., see Pitzel, L., et al. **43** 213 (1981)
Koenig, E., see Brandt, Th., et al. **16** 476 (1972/73)
Koerner, F., Schiller, P.H.: The Optokinetic Response Under Open and Closed Loop Conditions in the Monkey **14** 318 (1972)
Koerner, F., Teuber, H.-L.: Visual Field Defects After Missile Injuries to the Geniculo-Striate Pathway in Man **18** 88 (1973)
Köves, K., Réthelyi, M.: Direct Neural Connection from the Medial Preoptic Area to the Hypothalamic Arcuate Nucleus of the Rat **25** 529 (1976)
Koike, H., Mano, N., Okada, Y., Oshima, T.: Repetitive Impulses Generated in Fast and Slow Pyramidal Tract Cells by Intracellularly Applied Current Steps **11** 263 (1970)
Koike, H., Mano, N., Okada, Y., Oshima, T.: Activities of the Sodium Pump in Cat Pyramidal Tract Cells Investigated with Intracellular Injection of Sodium Ions **14** 449 (1972)
Koike, H., Okada, Y., Oshima, T., Takahashi, K.: Accomodative Behavior of Cat Pyramidal Tract Cells Investigated with Intracellular Injections of Currents **5** 173 (1968)
Koike, H., Okada, Y., Oshima, T.: Accomodative Properties of Fast and Slow Pyramidal Tract Cells and their Modification by Different Levels of their Membrane Potential **5** 189 (1968)
Koizumi, J., Shiraishi, H.: Ultrastructural Appearence of Glycogen in the Hippocampus of the Rabbit Following Administration of Psychotropic Drugs **13** 451 (1971)
Koizumi, J., Shiraishi, H.: Glycogen Accumulation in Dendrites of the Rabbit Pallidium Following Trifluoperazine Administration **11** 387 (1970)
Koizumi, J., Shiraishi, H.: Ultrastructural Appearance of Glycogen in the Hypothalamus of the Rabbit Following Chlorpromazine Administration **10** 276 (1970)
Kolb, F.P., Rubia, F.J.: Information About Peripheral Events Conveyed to the Cerebellum Via the Climbing Fiber

System in the Decerebrate Cat **38** 363 (1979/80)
Kolb, F.P., see Rubia, F.J. **31** 387 (1978)
Kolde, G., see Bingmann, D. **48** 89 (1982)
Konda, N., see Reinhardt, W., et al. **43** 1 (1981)
Kongehl, G., see Johnson, D., et al. **22** 331 (1975)
Konietzny, F., Perl, E.R., Trevino, D., Light, A., Hensel, H.: Sensory Experiences in Man Evoked by Intraneural Electrical Stimulation of Intact Cutaneous Afferent Fibers **42** 219 (1981)
Konishi, M., see Watanabe, S., et al. **1** 272 (1966)
Konishi, T., Salt, A.N.: Permeability to Potassium of the Endolymph-Perilymph Barrier and Its Possible Relation to Hair and Cell Function **40** 457 (1980)
Konno, T., see Kawamura, K. **35** 161 (1979)
Koolhaas, J.M.: Hypothalamically Induced Intraspecific Aggressive Behaviour in the Rat **32** 365 (1978)
Kopin, I.J., see Roizen, M.F., et al. **24** 203 (1975/76)
Korn, H., Sotelo, C., Crepel, F.: Electronic Coupling Neurons in the Rat Lateral Vestibular Nucleus **16** 255 (1972/73)
Korn, H., see Triller, A. **43** 233 (1981)
Korn, H., see Allen, G.I., et al. **24** 1 (1975/76)
Korn, H., see Allen, G.I., et al. **24** 15 (1975/76)
Kornhuber, H.H., see Deecke, L., et al. **7** 158 (1969)
Kornhuber, H.H., see Fredrickson, J.M., et al. **2** 318 (1966)
Kornhuber, H.H., see Johnson, D., et al. **22** 331 (1975)
Korpi, E.R., Oja, S.S.: Exchange and Efflux of Tryptophan from Superfused Cerebral Cortex Slices **36** 99 (1979)
Kosaka, K., see Tsukahara, N. **5** 102 (1968)
Kosaka, K., see Toyama, K., et al. **11** 187 (1970)
Kosaka, K., see Tsukahara, N., et al. **4** 18 (1967/68)
Kosaras, B., see Székely, G., **29** 531 (1977)
Kosel, K.C., see West, J.R., et al. **48** 209 (1982)
Kostyuk, P.G., see Dyachkova, L.N., et al. **12** 105 (1971)
Kotchabhakdi, N., Hoddevik, G.H., Walberg, F.: Cerebellar Afferent Projections from the Perihypoglossal Nuclei: An Experimental Study with the Method of Retrograde Axonal Transport of Horseradish Peroxidase **31** 13 (1978)
Kotchabhakdi, N., Rinvik, E., Walberg, F., Yingchareon, K.: The Vestibulothalamic Projections in the Cat Studied by Retrograde Axonal Transport of Horseradish Peroxidase **40** 405 (1980)
Kotchabhakdi, N., Walberg, F.: Cerebellar Afferent Projections from the Vestibular Nuclei in the Cat: An Experimental Study with the Method of Retrograde Axonal Transport of Horseradish Peroxidase **31** 591 (1978)
Kotchabhakdi, N., see Somana, R., et al. **38** 57 (1979/80)
Kovachich, G.B., Mishra, O.P.: The Effect of Ascorbic Acid on Malonaldehyde Formation, K^+, Na^+ and Water Content of Brain Slices **50** 62 (1983)
Kovács, G.L., Vécsei, L., Medve, L., Telegdy, G.: Effect on Memory Processes of Anti-vasopressin Serum Microinjected into the Dorsal Raphe Nucleus: The Role of Catecholaminergic Neurotransmission **38** 357 (1979/80)
Koval, I.N., see Gambarian, L.S., et al. **15** 15 (1972)
Kow, L.-M., Pfaff, D.W.: Responses of Medullary Reticulospinal and Other Reticular Neurons to Somatosensory and Brainstem Stimulation in Anesthetized or Freely-moving Ovariectomized Rats with or without Estrogen Treatment **47** 191 (1982)
Krause, D., see Fischer, B., et al. **15** 212 (1972)
Kreikenbaum, K., see Pitzel, L., et al. **43** 213 (1981)
Kretzschmar, H., Kirchner, F., Takano, K.: Relations Between the Effect of Tetanus Toxin on the Neuromuscular Transmission and Histological Functional Properties of Various Muscles of the Rat **38** 181 (1979/80)
Kreutzberg, G.W., see Lux, H.D., et al. **10** 197 (1970)
Kreutzberg, G.W., see Schubert, P., et al. **17** 539 (1973)
Krieger, M.S., see Morrell, J.I., et al. **45** 144 (1982)
Kristensson, K., see Liedgren, S.R.C., et al. **24** 237 (1975/76)
Krnjević, K., Schwartz, S.: The Action of γ-Aminobutyric Acid on Cortical Neurones **3** 320 (1967)
Krnjević, K., Schwartz, S.: Some Properties of Unresponsive Cells in the Cerebral Cortex **3** 306 (1967)
Krnjević, K., see Kelly, J.S. **9** 155 (1969)
Krnjević, K., see Dreifuss, J.J., et al. **9** 137 (1969)
Krnjević, K., see Galindo, A., et al. **5** 87 (1968)
Krnjević, K., see Kelly, J.S., et al. **7** 11 (1969)
Krüger, J., Bach, M.: Simultaneous Recording with 30 Microelectrodes in Monkey Visual Cortex **41** 191 (1980/81)
Krüger, J., Fischer, B., Barth, R.: The Shift-Effect in Retinal Ganglion Cells of the Rhesus Monkey **23** 443 (1975)
Krüger, J., Fischer, B.: Strong Periphery Effect in Cat Retinal Ganglion Cells. Excitatory Responses in ON- aad OFF-Center Neurones to Single Grid Displacements **18** 316 (1973)
Krüger, J., Fischer, B.: Dependence of Surround Effects on Receptive Field Center Illumination in Cat Retinal Ganglion Cells **18** 304 (1973)
Krüger, J.: The Shift-Effect in the Lateral Geniculate Body of the Rhesus Monkey **29** 387 (1977)
Krüger, J.: Stimulus Dependent Colour Specificity of Monkey Lateral Geniculate Neurones **30** 297 (1977)
Krüger, J., see Fischer, B. **40** 229 (1980)
Krüger, J., see Fischer, B. **35** 1 (1979)
Krüger, J., see Fischer, B. **21** 225 (1974)
Kruger, L., Hámori, J.: An Electron Microscopic Sudy of Degeneration in the Cerebral Cortex Resulting from Laminar Lesions **10** 1 (1970)
Kruger, St., see Boudreau, J.C., et al. **13** 461 (1971)
Kubik, S., see Lang, W. **37** 177 (1979)
Kubo, Y., see Nakamura, Y., et al. **29** 405 (1977)
Kubo, Y., see Nakamura, Y., et al. **29** 45 (1977)
Kudo, N., see Hongo, T., et al. **24** 37 (1975/76)
Künzle, H.: Dorsal Root Projections to the Cerebellum in Turtle **45** 464 (1982)
Künzle, H.: Supraspinal Cell Populations Projecting to the Cerebellar Cortex in the Turtle (Pseudemys Scripta Elegans) **49** 1 (1983)
Künzle, H.: Projections from the Primary Somatosensory Cortex to Basal Ganglia and Thalamus in the Monkey **30** 481 (1977)
Künzle, H.: Autoradiographic Tracing of the Cerebellar Projections from the Lateral Reticular Nucleus in the Cat **22** 255 (1975)
Künzle, H.: Evidence of Selective Axon-Terminal Uptake and Retrograde Transport of Label in Cortico- and Rubrospinal Systems after Injection of ^{3}H-Proline **28** 125 (1977)
Künzle, H., see Hartmann-von-Monakow, K., et al. **34** 91 (1978/1979)
Künzle, H., see Hartmann-von-Monakow, K., et al. **33** 395 (1978)
Kuhlo, W., see Hishikawa, Y., et al. **7** 84 (1969)
Kuhnt, U., Kelly, M.J., Schaumberg, R.: Transynaptic Transport of Procion Yellow in the Central Nervous System **35** 371 (1979)
Kuhnt, U., see Aebersold, H., et al. **42** 127 (1981)
Kuhnt, U., see Creutzfeldt, O.D., et al. **21** 251 (1974)
Kuhnt, U., see Kelly, M.J., et al. **34** 107 (1978/1979)
Kuhnt, U., see Kelly, M.J., et al. **40** 440 (1980)
Kulikowski, J.J., Bishop, P.O.: Linear Analysis of the Responses of Simple Cells in the Cat Visual Cortex **44** 386 (1981)

Kulikowski, J.J., Bishop, P.O., Kato, H.: Spatial Arrangements of Responses by Cells in the Cats Visual Cortex to Light and Dark Bars and Edges **44** 371 (1981)
Kultas-Ilinsky, K., Ilinsky, I.A., Massopust, L.C., Young, P.A., Smith, K.R.: Nigrothalamic Pathway in the Cat Demonstrated by Autoradiography and Electron Micr[illegible] **33** 481 (1978)
Kultas-Ilinsky, K., Ilinsky, I.A., Smith, K.R.: Ultrastructure of Degenerating Cerebellothalamic Terminals in the Ventral Medial Nucleus of the Cat **38** 125 (1979/80)
Kultas-Ilinsky, K., see Ilinsky, I.A., et al. **33** 469 (1978)
Kumada, M., see Akaike, T., et al. **17** 477 (1973)
Kunze, W., McKenzie, J.S., Bendrups, A.P.: An Electrophysiological Study of Thalamo-caudate Neurones in the Cat **36** 233 (1979)
Kurachi, K., see Sakumoto, T., et al. **31** 81 (1978)
Kurland, R.J., see Bakay, L., et al. **23** 241 (1975)
Kuroda, R., see Creutzfeldt, O.D., et al. **27** 419 (1977)
Kurokawa, M., see Yamamoto, C. **10** 159 (1970)
Kurokawa, M., see Yamamoto, C., et al. **11** 360 (1970)
Kurtenbach, W., Magnussen, S.: Inhibition, Disinhibition, and Summation Among Orientation Detectors in Human Vision **43** 193 (1981)
Kuypers, H.G.J.M., Bentivoglio, M., Catsman-Berrevoets, Bharos, A.T.: Double Retrograde Neuronal Labelling Through Divergent Axon Collaterals, Using Two Fluorescent Tracers with the Same Excitation Wavelenght Which Label Different Features of the Cell **40** 383 (1980)
Kuypers, H.G.J.M., see Armand, J. **40** 23 (1980)
Kuypers, H.G.J.M., see Bentivoglio, M. **46** 339 (1982)
Kuypers, H.G.J.M., see Kievit, J. **29** 299 (1977)
Kuypers, H.G.J.M., see Bharos, T.B., et al. **42** 399 (1981)
Kuypers, H.G.J.M., see Catsman-Berrevoets, C.E., et al. **39** 433 (1980)
Kuypers, H.G.J.M., see Godschalk, M., et al. **44** 113 (1981)
Kuypers, H.G.J.M., see Jeffery, G., et al. **44** 34 (1981)

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Laak, H.J. ter, see Dongen, P.A.M. van, et al. **24** 441 (1975/76)
Laak, H.J. ter, see Thijssen, J.M., et al. **25** 279 (1976)
Labbie, A., see Tucker, G.S., et al. **48** 263 (1982)
Labbie, A., see Tucker, G.S., et al. **37** 459 (1979)
Lacerda, A.M., see Brodal, A., et al. **16** 140 (1972/73)
Lacerda, A.M., see Brodal, A., et al. **16** 115 (1972/73)
Lachapelle, P., see Molotchnikoff, S. **29** 527 (1977)
Lachapelle, P., see Molotchnikoff, S. **40** 221 (1980)
Lackner, J.R., Graybiel, A.: Illusions of Postural, Visual, and Aircraft Motion Elicited by Deep Knee Bends in the Increased Gravitoinertial Force Phase of Parabolic Flight. Evidence for Dynamic Sensory-Motor Calibration to Earth Gravity Force Levels **44** 312 (1981)
Lackner, J.R., Mather, J.A.: Eye-Hand Tracking Using Afterimages. Evidence that Sense of Effort is Dependent on Spatial Constancy Mechanisms **44** 138 (1981)
Lackner, J.R., see Levine, M.S. **36** 275 (1979)
Lackner, J.R., see Mather, J.A. **24** 103 (1975/76)
Lackner, J.R., see Mather, J.A. **43** 406 (1981)
Lackner, J.R., see Teixeira, R.A. **24** 435 (1975/76)
Lacour, M., Vidal, P.P., Xerri, C.: Visual Influences on Vestibulospinal Reflexes During Vertical Linear Motion in Normal and Hemilabyrinthectomized Monkeys **43** 383 (1981)
Lacour, M., Xerri, C., Hugon, M.: Compensation of Postural Reactions to Fall in the Vestibular Neurectomized Monkey. Role of the Remaining Labyrinthine Afferences **37** 563 (1979)
Lacour, M., Xerry, C.: Compensation of Postural Reactions to Free-Fall in the Vestibular Neurectomized Monkey. Role of the Visual Motions Cues **40** 103 (1980)
Lacour, M., see Vidal, P.P., et al. **37** 241 (1979)
Lacourly, N., see Percheron, G. **18** 355 (1973)
Lähdesmäki, P., Hannus, M.-L.: Effect of Aromatic Acids on the Influx of Aromatic Amino Acids in Rat Brain Slices **30** 539 (1977)
Lähdesmäki, P., Oja, S.S.: Effect of Electrical Stimulation on the Influx and Efflux of Taurine in Brain Slices of Newborn and Adult Rats **15** 430 (1972)
Lagarde, J.M., see Lanoir, J., et al. **41** 346 (1980/81)
Lamarre, Y., Filion, M., Cordeau, J.P.: Neuronal Discharges of the Ventrolateral Nucleus of the Thalamus During Sleep and Wakefulness in the Cat. I. Spontaneous Activity **12** 480 (1971)
Lamarre, Y., see Lund, J.P. **19** 282 (1974)
Lamarre, Y., see Filion, M., et al. **12** 499 (1971)
Lamour, Y., Guilbaud, G., Willer, J.C.: Rat Somatosensory (Sml) Cortex: II. Laminar and Columnar Organization of Noxious and Non-Noxious Inputs **49** 46 (1983)
Lamour, Y., Willer, J.C., Guilbaud, G.: Rat Somatosensory (Sml) Cortex: I. Characteristics of Neuronal Responses to Noxious Stimulation and Comparison with Responses to Non-Noxious Stimulation **49** 35 (1983)
Landgren, S., Olsson, K.Å.: Low Threshold Afferent Projections from the Oral Cavity and the Face to the Cerebral Cortex of the Cat **39** 133 (1980)
Landgren, S., Olsson, K.Å.: Localization of Evoked Potentials in the Digastric, Masseteric Supra- and Intertrigeminal Subnuclei of the Cat **26** 299 (1976)
Landgren, S., Olsson, K.Å.: The Effect of Electrical Stimulation in the Hypothalamus on the Monosynaptic Jaw Closing and the Disynaptic Jaw Opening Reflexes in the Cat **39** 389 (1980)
Landgren, S., see Olsson, K.Å. **39** 149 (1980)
Landgren, S., see Grant, G., et al. **24** 57 (1975/76)
Landolt, H., see Hösli, L., et al. **42** 43 (1981)
Lanfumey, L., Adrien, J., Gray, J.A.: Septal Driving of Hippocampal Theta Rhythm as a Function of Frequency in the Infant Male Rat **45** 230 (1982)
Lang, R.E., see Fehm, H.L., et al. **39** 229 (1980)
Lang, W., Kubik, S.: Primary Vestibular Afferent Projections to the Ipsilateral Abducens Nucleus in Cats. An Autoradiographic Study **37** 177 (1979)
Langley, O.K., see Ghandour, M.S., et al. **41** 271 (1980/81)
Langner, G., Bonke, D., Scheich, H.: Neuronal Discrimination of Natural and Synthetic Vowels in Field L of Trained Mynah Birds **43** 11 (1981)
Langner, G.: Neuronal Mechanisms for Pitch Analysis in the Time Domain **44** 450 (1981)
Lannou, J., see Cazin, L., et al. **48** 309 (1982)
Lanoir, J., Soghomonian, J.J., Cadenel, G.: Radioautographic Studt of ^{3}H-GABA Uptake in the Oculomotor Nucleus of the Cat **48** 137 (1982)
Lanoir, J., Ternaux, J.P., Pons, C., Lagarde, J.M.: Long-term Effects of Tryptophan-free Diet on Serotonin Metabolism and Sleep-waking Balance in Rats **41** 346 (1980/81)
Larochelle, L., see Ohye, C., et al. **10** 140 (1970)
Larramendi, L.M.H., see Johnston, N.L. **5** 326 (1968)
Larramendi, L.M.H., see Lemkey-Johnston, N. **17** 124 (1973)

Larramendi, L.M.H., see Dekirmenjian, H., et al. **8** 97 (1969)
Larramendi, L.M.H., see Simon, R.G., et al. **13** 504 (1971)
Larsby, B., see Liedgren, S.R.C., et al. **24** 237 (1975/76)
Larsby, B., see Ödkvist, L.M., et al. **22** 185 (1975)
Larsen, K.D., Yumiya, H.: Motor Cortical Modulation of the Macaque Red Nucleus **43** 315 (1981)
Larsen, K.D., Yumiya, H.: The Red Nucleus of the Monkey. Topographic Localization of Somatosensory Input and Motor Output **40** 393 (1980)
Larsen, K.D., Yumiya, H.: Motor Cortical Modulation of Feline Red Nucleus Output: Cortico-rubral and Cerebellar-mediated Responses **38** 321 (1979/80)
Larsen, K.D., Yumiya, H.: Organization of the Convergence in the Intermediate Cerebellar Nuclei of Somatosensory Receptive Fields with Motor Cortical-evoked Responses **36** 477 (1979)
Larsen, K.D., see Asanuma, H., et al. **38** 349 (1979/80)
Larson, B., see Ekerot, C.-F. **36** 219 (1979)
Larson, B., see Ekerot, C.-F. **36** 201 (1979)
Larson, B., see Ekerot, C.-F. **38** 163 (1979/80)
Larson, B., see Ekerot, C.-F. **48** 185 (1982)
Larson, B., see Cooke, J.D., et al. **13** 339 (1971)
Larson, B., see Cooke, J.D., et al. **13** 359 (1971)
Larson, C.R., Sutton, D., Lindeman, R.C.: Cerebellar Regulation of Phonation in Rhesus Monkey (Macaca mulatta) **33** 1 (1978)
Larsson, O.M., see Drejer, J., et al. **47** 259 (1982)
Lassonde, M.C., Ptito, M., Pribram, K.H.: Intracerebral Influences on the Microstructure of Receptive Fields of Cat Visual Cortex **43** 131 (1981)
Lassonde, M.C., see Pribram, K.H., et al. **43** 119 (1981)
László, I., see Knyihár, E., et al. **19** 529 (1974)
Latreille, J., see Rispal-Padel, L. **19** 36 (1974)
Latta, J., see Winter, P., et al. **1** 359 (1966)
Laurent, J.St., see Buser, P., et al. **1** 102 (1966)
Laurinen, P., see Järvilehto, T., et al. **25** 45 (1976)
Lawson, R., see Chow, K.L., et al. **42** 122 (1981)
Laxer, K.D., see Robertson, L.T., et al. **46** 281 (1982)
Le Bars, D., see Dickenson, A.H. **49** 174 (1983)
Le Moal, M., see Simon, H., et al. **20** 375 (1974)
Le Yaouanc, A., see Rougeul, A., et al. **2** 129 (1966)
Leah, J.D., see Curtis, D.R., et al. **48** 387 (1982)
LeBlancq, W.D., see Dakshinamurti, K., et al. **26** 355 (1976)
Lebrun, C.J., Poulain, D.A.: Electrical Activity of Septal Neurones During Suckling and the Milk Ejection Reflex in the Lactating Rat **47** 203 (1982)
Lebrun, C.J., see Poulain, D.A., et al. **42** 260 (1981)
Lee, B.B., Albus, K., Heggelund, P., Hulme, M.J., Creutzfeldt, O.D.: The Depth Distribution of Optimal Stimulus Orientations for Neurones in Cat Area 17 **27** 301 (1977)
Lee, B.B., Cleland, B.G., Creutzfeldt, O.D.: The Retinal Input to Cells in Area 17 of the Cat's Cortex **30** 527 (1977)
Lee, B.B., Creutzfeldt, O.D., Elepfandt, A.: The Response of Magno- and Parvocellular Cells of the Monkey's Lateral Geniculate Body to Moving Stimuli **35** 547 (1979)
Lee, B.B., Virsu, V., Creutzfeldt, O.D.: Responses of Cells in the Cat Lateral Geniculate Nucleus to Moving Stimuli at Various Levels of Light and Dark Adaptation **27** 51 (1977)
Lee, B.B., see Nothdurft, H.C. **48** 55 (1982)
Lee, B.B., see Nothdurft, H.C. **48** 43 (1982)
Lee, B.B., see Bartlett, J.R., et al. **25** 487 (1976)
Lee, B.B., see Creutzfeldt, O.D., et al. **35** 527 (1979)
Lee, B.B., see Virsu, V., et al. **27** 35 (1977)
Lee, J.C., see Bakay, L., et al. **23** 241 (1975)
Lee, K.S., Stanford, E.J., Cotman, C.W., Lynch, G.S.: Ultrastructural Evidence for Bouton Proliferation in the Partially Deafferented Dentate Gyrus of the Adult Rat **29** 475 (1977)
Lee, L.A., Slater, P.: Role of Globus Pallidus and Substantia Nigra Efferent Pathways in Striatally Evoked Head Turning in the Rat **44** 170 (1981)
Lee, R.G., Tatton, W.G.: Long Latency Reflexes to Imposed Displacements of the Human Wrist: Dependence on Duration of Movement **45** 207 (1982)
Leeuwen, F.W. van, see Tielen, A.M., et al. **48** 288 (1982)
Legallet, E., Gahéry, Y.: Influence of a Diagonal Postural Pattern on Parameters of Movement and Associated Postural Adjustment in the Cat **40** 35 (1980)
Legallet, E., see Gahéry, Y. **44** 177 (1981)
Legéndy, C.R., see Tsumoto, T., et al. **32** 345 (1978)
Léger, A., see Buizza, A., et al. **36** 509 (1979)
Léger, A., see Buizza, A., et al. **39** 165 (1980)
Lehmann, D., Skrandies, W.: Multichannel Evoked Potential Fields Show Different Properties of Human Upper and Lower Hemiretina Systems **35** 151 (1979)
Lehmann, D., see Adachi-Usami, E. **50** 341 (1983)
Leiby, C.C. III, Bender, D.B., Butter, C.M.: Localization and Detection of Visual Stimuli in Monkeys with Pulvinar Lesions **48** 449 (1982)
Leicht, R., Rowe, M.J., Schmidt, R.F.: Mossy and Climbing Fiber Inputs from Cutaneous Mechanoreceptors to Cerebellar Purkyně Cells in Unanesthetized Cats **27** 459 (1977)
Leicht, R., Schmidt, R.F.: Somatotopic Studies on the Vermal Cortex of the Cerebellar Anterior Lobe of Unanesthetized Cats **27** 479 (1977)
Leicht, R., see Hiss, E., et al. **27** 319 (1977)
Leigh, N., see Reavill, C., et al. **37** 309 (1979)
Leinonen, L., Hyvärinen, J., Nyman, G., Linnankoski, I.: I. Functional Properties of Neurons in Lateral Part of Associative Area 7 in Awake Monkeys **34** 299 (1978/1979)
Leinonen, L., Hyvärinen, J., Sovijärvi, A.R.A.: Functional Properties of Neurons in the Temporo-parietal Association Cortex of Awake Monkey **39** 203 (1980)
Leinonen, L., Nyman, G.: II. Functional Properties of Cells in Anterolateral Part of Area 7 Associative Face Area of Awake Monkeys **34** 321 (1978/1979)
Lemkey Johnston, N., see Dekirmenjian, H., et al. **8** 97 (1969)
Lemkey-Johnston, N., Dekirmenjian, H.: The Identification of Fractions Enriched in Nonmyelinated Axons from Rat Whole Brain **11** 392 (1970)
Lemkey-Johnston, N., Larramendi, L.M.H.: Identification of Unmyelinated Axons in Fractions from Caudate-Putamen in the Rat **17** 124 (1973)
Lemkey-Johnston, N., see Simon, R.G., et al. **13** 504 (1971)
Lemon, R.N., Burg, J. van der: Short-latency Peripheral Inputs to Thalamic Neurones Projecting to the Motor Cortex in the Monkey **36** 445 (1979)
Lemon, R.N., see Angel, A., et al. **7** 250 (1969)
Lemon, R.N., see Bharos, T.B., et al. **42** 399 (1981)
Lemon, R.N., see Catsman-Berrevoets, C.E., et al. **39** 433 (1980)
Lemon, R.N., see Godschalk, M., et al. **44** 113 (1981)
Lenard, H.G., see Prechtl, H.F.R., et al. **3** 184 (1967)
Leng, G.: The Effects of Neural Stalk Stimulation Upon Firing Patterns in Rat Supraoptic Neurones **41** 135 (1980/81)
Leng, G., see Comis, S.D. **36** 119 (1979)
Lennard, R.P., see Finger, S., et al. **12** 354 (1971)

Lenzi, P., see Franzini, C., et al. **43** 87 (1981)
Leong, S.K.: An Experimental Study of the Corticofugal System Following Cerebral Lesions in the Albino Rats **26** 235 (1976)
Leong, S.K.: Effects of Tectal Slits on the Anomalous Corticotectal Fibres **25** 225 (1976)
Leong, S.K., see Ho, C.P. **30** 149 (1977)
Lepault, A.M., see Calvet, M.C. **23** 249 (1975)
Lepore, F., Guillemot, J.-P.: Visual Receptive Field Properties of Cells Innervated Through the Corpus Callosum in the Cat **46** 413 (1982)
Lepore, F., Samson, A., Molotchnikoff, S.: Effects on Binocular Activation of Cells in Visual Cortex of the Cat Following the Transection of the Optic Tract **50** 392 (1983)
Lepore, F., see Berlucchi, G., et al. **31** 275 (1978)
Leppelsack, H.-J., see Kirsch, M., et al. **38** 375 (1979/80)
Léránth, C., Záborszky, L., Marton, J., Palkovits, M.: Quantitative Studies on the Supraoptic Nucleus in the Rat. I. Synaptic Organization **22** 509 (1975)
Léránth, C., see Záborszky, L., et al. **22** 525 (1975)
Leresche, N., see Hardy, O., et al. **46** 59 (1982)
Lescop, J., see Buser, P., et al. **9** 33 (1969)
Leslie, G.C., see Andrew, B.L., et al. **34** 263 (1978/1979)
Leslie, G.C., see Andrew, B.L., et al. **31** 433 (1978)
Lestienne, F., Soechting, J.F., Berthoz, A.: Postural Readjustments Induced by Linear Motion of Visual Scenes **28** 363 (1977)
Lestienne, F.: Effects of Inertial Load and Velocity on the Braking Process of Voluntary Limb Movements **35** 407 (1979)
Letbetter, W.D., see Murthy, K.S.K., et al. **46** 186 (1982)
Leuba, G., Rabinowicz, T.: Long-term Effects of Postnatal Undernutrition and Maternal Malnutrition on Mouse Cerebral Cortex. II. Evolution of Dendritic Branchings and Spines in the Visual Region **37** 299 (1979)
Leuba, G., Rabinowicz, T.: Long-term Effects of Postnatal Undernutrition and Maternal Malnutrition on Mouse Cerebral Cortex. I. Cellular Densities, Cortical Volume and Total Numbers of Cells **37** 283 (1979)
Leuba, G., see Olpe, H.R., et al. **21** 131 (1974)
Leventhal, A.G.: Evidence that the Different Classes of Relay Cells of the Cat's Lateral Geniculate Nucleus Terminate in Different Layers of the Striate Cortex **37** 349 (1979)
Levi, D.M., Harwerth, R.S., Pass, A.F., Venverloh, J.: Edge Sensitive Mechanisms in Humans with Abnormal Visual Experience **43** 270 (1981)
Levi, D.M., see Manny, R.E. **47** 15 (1982)
Levick, W.R., see Kirk, D.L., et al. **23** 85 (1975)
Levick, W.R., see Vaney, D.I., et al. **44** 27 (1981)
Levin, E., see Wright, P.M., et al. **13** 294 (1971)
Levine, J., see Spillmann, L. **13** 547 (1971)
Levine, M.S., Lackner, J.R.: Soma Sensory and Motor Factors Influencing the Control and Appreciation of Eye and Limb Position **36** 275 (1979)
Levine, M.W., Shefner, J.M.: Distance-Dependent Interactions Between the Rod and the Cone Systems in Goldfish Retina **44** 353 (1981)
Levinson, E., see Blake, R. **27** 221 (1977)
Levinson, E., see Camisa, J., et al. **29** 429 (1977)
Lewis, D.M., see Devanandan, M.S., et al. **8** 177 (1969)
Lewis, D.M., see Devanandan, M.S., et al. **8** 163 (1969)
Li Volsi, G., see Giuffrida, R., et al. **39** 261 (1980)
Lichtenberg, B.K., Young, L.R., Arrott, A.P.: Human Ocular Counterrolling Induced by Varying Linear Accelerations **48** 127 (1982)
Lichtensteiger, W., see Monnet, F. **42** 203 (1981)
Lidsky, T.I., see Schneider, J.S., et al. **46** 311 (1982)
Liebeskind, J., see Albe-Fessard, D. **1** 127 (1966)
Liebeskind, J.C., see Oliveras, J.L., et al. **20** 32 (1974)
Liedgren, S.R.C., Kristensson, K., Larsby, B., Ödkvist, L.M.: Projection of Thalamic Neurons to Cat Primary Vestibular Cortical Fields Studied by Means of Retrograde Axonal Transport of Horseradish Peroxidase **24** 237 (1975/76)
Light, A., see Konietzny, F., et al. **42** 219 (1981)
Lin, C.S., see Norden, J.J., et al. **32** 321 (1978)
Lincoln, D.W., Hentzen, K., Hin, T., Schoot, P. van der, Clarke, G., Summerlee, A.J.S.: Sleep: A Prerequisite for Reflex Milk Ejection in the Rat **38** 151 (1979/80)
Lindeman, R.C., see Larson, C.R., et al. **33** 1 (1978)
Linder, J.C., see Groves, P.M. **49** 209 (1983)
Lindgren, S.R.C., see Ödkvist, L.M., et al. **22** 185 (1975)
Lindroos, O.F.C., Oja, S.S.: Hyperphenylalanaemia and the Exchange of Tyrosine in Adult Rat Brain **14** 48 (1972)
Lindsay, R., see Peterson, R.P., et al. **4** 138 (1967/68)
Lindsley, D.B., see Peck, C.K. **16** 371 (1972/73)
Lindsley, D.B., see Fehmi, L.G., et al. **7** 299 (1969)
Lindsley, D.F., see Newman, J.D. **25** 169 (1976)
Lindström, S., see Ahlsén, G., et al. **46** 118 (1982)
Lindström, S., see Alstermark, B., et al. **42** 282 (1981)
Lindström, S., see Hultborn, H., et al. **37** 399 (1979)
Lines, C.R., Milner, A.D.: Nasotemporal Overlap in the Human Retina Investigated by Means of Simple Reaction Time to Lateralized Light Flash **50** 166 (1983)
Linnankoski, I., see Hyvärinen, J., et al. **42** 1 (1981)
Linnankoski, I., see Leinonen, L., et al. **34** 299 (1978/1979)
Linsenmeier, R.A., Jakiela, H.G.: Nonlinear Spatial Summation in Cat Retinal Ganglion Cells at Different Background Levels **36** 301 (1979)
Lipp, H.-P.: A Stereotaxis X-ray Map of the Hypothalamus of the Marmoset Monkey Callithrix Jacchus **38** 189 (1979/80)
Lisk, R.D.: Copulatory Activity of the Male Rat Following Placement of Preoptic-Anterior Hypothalamic Lesions **5** 306 (1968)
Lisoněk, P., see Petřek, J., et al. **6** 19 (1968)
Liu, J., see McLennan, H. **45** 151 (1982)
Ljungdahl, Å., see Hökfelt, T. **14** 354 (1972)
Llinás, R., Precht, W., Clarke, M.: Cerebellar Purkinje Cell Responses to Physiological Stimulation of the Vestibular System in the Frog **13** 408 (1971)
Llinás, R., Precht, W.: The Inhibitory Vestibular Efferent System and its Relation to the Cerebellum in the Frog **9** 16 (1969)
Llinás, R., Volkind, R.A.: The Olivo-Cerebellar System: Functional Properties as Revealed by Harmaline-Induced Tremor **18** 69 (1973)
Llinás, R., Wolfe, J.W.: Functional Linkage between the Electrical Activity in the Vermal Cerebellar Cortex and Saccadic Eye Movements **29** 1 (1977)
Llinás, R., see Berthoz, A. **20** 385 (1974)
Llinás, R., see Precht, W. **9** 30 (1969)
Llinás, R., see Baker, R., et al. **15** 364 (1972)
Llinás, R., see Eccles, J.C., et al. **1** 1 (1966)
Llinás, R., see Eccles, J.C., et al. **1** 161 (1966)
Llinás, R., see Eccles, J.C., et al. **1** 82 (1966)
Llinás, R., see Eccles, J.C., et al. **1** 17 (1966)
Llinás, R., see Precht, W., et al. **13** 378 (1971)
Lo, F.-S., see Ahlsén, G., et al. **46** 118 (1982)

Lodge, D., Curtis, D.R., Brand, S.J.: A Pharmacological Study of the Inhibition of Ventral Group Ia-Excited Spinal Interneurones **29** 97 (1977)
Lodge, D., see Curtis, D.R. **46** 215 (1982)
Lodge, D., see Game, C.J.A. **23** 75 (1975)
Lodge, D., see Biscoe, T.J., et al. **26** 547 (1976)
Lodge, D., see Curtis, D.R., et al. **48** 387 (1982)
Lodge, D., see Curtis, D.R., et al. **25** 413 (1976)
Lodge, D., see Duggan, A.W., et al. **17** 261 (1973)
Logde, D., see Curtis, D.R., et al. **42** 158 (1981)
Lolle, L., see Arnfred, T., et al. **11** 373 (1970)
Lømo, T.: Patterns of Activation in a Monosynaptic Cortical Pathway: The Perforant Path Input to the Dentate Area of the Hippocampal Formation **12** 18 (1971)
Lømo, T.: Potentiation of Monosynaptic EPSPs in the Perforant Path-Dentate Granule Cell Synapse **12** 46 (1971)
Lømo, T., see Andersen, P. **2** 247 (1966)
Lømo, T., see Andersen, P., et al. **1** 236 (1966)
Loop, M.S., Frey, T.J.: Critical Flicker Fusion in Siamese Cats **43** 65 (1981)
Lopes da Silva, F.H., see Habets, A.M.M.C., et al. **38** 257 (1979/80)
Lopes da Silva, F.H., see Tielen, A.M., et al. **48** 288 (1982)
Lopes da Silva, F.H., see Tielen, A.M., et al. **44** 343 (1981)
Lopes da Silva, F.H., see Tielen, A.M., et al. **42** 231 (1981)
López-Barneo, J., see Darlot, C., et al. **41** 420 (1980/81)
Loracher, C., see Lux, H.D., et al. **11** 431 (1970)
Louie, A.W., Kimm, J.: The Response of 8th Nerve Fibers to Horizontal Sinusoidal Oscillation in the Alert Monkey **24** 447 (1975/76)
Louis, J.C., Pettmann, B., Courageot, J., Rumigny, J.F., Mandel, P., Sensenbrenner, M.: Developmental Changes in Cultured Neurones from Chick Embryo Cerebral Hemispheres. An Ultrastructural and Neurochemical Study **42** 63 (1981)
Lovick, T.A., Robinson, J.P.: Bulbar Raphe Neurones with Projections to the Trigeminal Nucleus Caudalis and the Lumbar Cord in the Rat: A Fluorescence Double-labelling Study **50** 299 (1983)
Lowe, G.A., see MacLeod, N.K. **25** 255 (1976)
Lum, J.T., see Brooks, B.A., et al. **40** 322 (1980)
Lunberg, A., see Illert, M., et al. **42** 269 (1981)
Lund, J.P., Lamarre, Y.: Activity of Neurons in the Lower Precentral Cortex During Voluntary and Rhythmical Jaw Movements in the Monkey **19** 282 (1974)
Lund, R.D.: Synaptic Patterns in the Superficial Layers of the Superior Colliculus of the Monkey, Macaca Mulatta **15** 194 (1972)
Lund, R.D., see Jaeger, C.B. **40** 265 (1980)
Lund, R.D., see McLoon, S.C. **40** 273 (1980)
Lund, R.D., see McLoon, S.C. **45** 277 (1982)
Lund, R.D., see Stevenson, J.A. **45** 95 (1982)
Lund, R.D., see Harvey, A.R., et al. **47** 437 (1982)
Lund, R.D., see Jen, L.S., et al. **33** 405 (1978)
Lund, S., see Grillner, S., et al. **12** 457 (1971)
Lund, S., see Grillner, S., et al. **10** 94 (1970)
Lund-Andersen, H., Hertz, L.: Effects of Potassium and of Glutamate on Swelling and on Sodium and Potassium Content in Brain-Cortex Slices from Adult Rats **11** 199 (1970)
Lund-Andersen, H., Møller, M.: Uptake of Inulin by Cells in Rat Brain Cortex **28** 37 (1977)
Lund-Andersen, H., see Arnfred, T., et al. **11** 373 (1970)
Lund-Andersen, H., see Møller, M., et al. **21** 299 (1974)
Lundberg, A.: Function of the Ventral Spinocerebellar Tract. A New Hypothesis **12** 317 (1971)
Lundberg, A., Weight, F.: Functional Organization of Connexions to the Ventral Spinocerebellar Tract **12** 295 (1971)
Lundberg, A., see Alstermark, B. **47** 148 (1982)
Lundberg, A., see Ten Bruggencate, G. **19** 248 (1974)
Lundberg, A., see Alstermark, B., et al. **42** 282 (1981)
Lundberg, A., see Alstermark, B., et al. **42** 299 (1981)
Lundberg, A., see Baldissera, F., et al. **15** 151 (1972)
Lundberg, A., see Baldissera, F., et al. **15** 133 (1972)
Lundberg, A., see Burke, R., et al. **12** 283 (1971)
Lundberg, A., see Hongo, T., et al. **7** 365 (1969)
Lundberg, A., see Hongo, T., et al. **7** 344 (1969)
Lundberg, A., see Hongo, T., et al. **15** 39 (1972)
Lundberg, A., see Hongo, T., et al. **15** 54 (1972)
Lundberg, A., see Hongo, T., et al. **1** 338 (1966)
Lundberg, A., see Illert, M., et al. **33** 101 (1978)
Lundberg, A., see Illert, M., et al. **29** 323 (1977)
Lundberg, A., see Illert, M., et al. **26** 521 (1976)
Lundberg, A., see Illert, M., et al. **26** 509 (1976)
Lundberg, A., see Jankowska, E., et al. **21** 169 (1974)
Luschei, E.S., see Fuchs, A.F. **13** 78 (1971)
Lux, H.D., Loracher, C., Neher, E.: The Action of Ammonium on Postsynaptic Inhibition of Cat Spinal Motoneurons **11** 431 (1970)
Lux, H.D., Neher, E.: The Equilibration Time Course of $[K^+]_o$ in Cat Cortex **17** 190 (1973)
Lux, H.D., Schubert, P., Kreutzberg, G.W., Globus, A.: Excitation and Axonal Flow: Autoradiographic Study on Motoneurons Intracellularly Injected with a ^{3}H-Amino Acid **10** 197 (1970)
Lux, H.D., see Dietzel, I., et al. **46** 73 (1982)
Lux, H.D., see Dietzel, I., et al. **40** 432 (1980)
Lux, H.D., see Heinemann, U., et al. **27** 237 (1977)
Lynch, G.S., Smith, R.L., Robertson, R.: Direct Projections from Brainstem to Telencephalon **17** 221 (1973)
Lynch, G.S., see Lee, K.S., et al. **29** 475 (1977)
Lynch, G.S., see Steward, O., et al. **26** 423 (1976)
Lynch, G.S., see Steward, O., et al. **18** 396 (1973)
Lynch, G.S., see Steward, O., et al. **20** 45 (1974)
Lynch, J.C., McLaren, J.W.: Optokinetic Nystagmus Deficits Following Parieto-Occipital Cortex Lesions in Monkeys **49** 125 (1983)

M

Macadar, O., Wolfe, G.E., O'Leary, D.P., Segundo, J.P.: Response of the Elasmobranch Utricle to Maintained Spatial Orientation, Transitions and Jitter **22** 1 (1975)
MacAvoy, M.G., see Garraghty, P.E., et al. **47** 301 (1982)
Macchi, G., see Bentivoglio, M., et al. **31** 489 (1978)
Maciewicz, R.J., see Foote, W.E., et al. **19** 124 (1974)
MacKay, D.M.: Adaptation of Evoked Potentials by Patterns of Texture-Contrast **29** 149 (1977)
MacKay, D.M., see Hammond, P. **22** 427 (1975)
MacKay, D.M., see Hammond, P. **30** 275 (1977)
MacKay, D.M., see Hammond, P. **49** 453 (1983)
MacKay, D.M., see Hanly, M. **35** 37 (1979)

Mackel, R.G., see Peterson, B.W., et al. **32** 471 (1978)
Mackel, R.G., see Peterson, B.W., et al. **23** 333 (1975)
MacLeod, N.K., James, T.A., Kilpatrick, I.C., Starr, M.S.: Evidence for a GABAergic Nigrothalamic Pathway in the Rat. II. Electrophysiological Studies **40** 55 (1980)
MacLeod, N.K., Lowe, G.A.: Field Potentials in the Olfactory Bulb of the Rainbow Trout (Salmo gairdneri): Evidence for a Dendrodendritic Inhibitory Pathway **25** 255 (1976)
MacLeod, N.K.: Spontaneous Activity of Single Neurons in the Olfactory Bulb of the Rainbow Trout (Salmo gairdneri) and its Modulation by Olfactory Stimulation with Amino Acids **25** 267 (1976)
MacLeod, N.K., Straughan, D.W.: Responses of Olfatory Bulb Neurones to the Dipeptide Carnosine **34** 183 (1978/1979)
MacLeod, N.K., see Kilpatrick, I.C., et al. **40** 45 (1980)
MacLeod, N.K., see Reinhardt, W., et al. **43** 1 (1981)
Macpherson, J., Wiesendanger, M., Marangoz, C., Miles, T.S.: Corticospinal Neurones of the Supplementary Motor Area of Monkeys. A Single Unit Study **48** 81 (1982)
Macpherson, J., see Dufossé, M., et al. **45** 38 (1982)
Macpherson, J., see Rushmer, D.S., et al. **50** 45 (1983)
Macpherson, J.M., Marangoz, C., Miles, T.S., Wiesendanger, M.: Microstimulation of the Supplementary Motor Area (SMA) in the Awake Monkey **45** 410 (1982)
MacPike, A.D., see Meier, H. **10** 512 (1970)
Macy, A., Ohzawa, I., Freeman, R.D.: A Quantitative Study of the Classification and Stability of Ocular Dominance in the Cat's Visual Cortex **48** 401 (1982)
Maddison, S., see Thorpe, S.J., et al. **49** 93 (1983)
Maeda, J., see Tsukahara, N., et al. **45** 1 (1982)
Maeda, M., Maunz, R.A., Wilson, V.J.: Labyrinthine Influence on Cat Forelimb Motoneurons **22** 69 (1975)
Maeda, M., see Hikosaka, O. **18** 512 (1973)
Maeda, M., see Hikosaka, O., et al. **27** 355 (1977)
Maeda, T., see Shimizu, N., et al. **20** 181 (1974)
Maekawa, K., see Takeda, T. **39** 461 (1980)
Maes, H., see Orban, G.A., et al. **39** 177 (1980)
Maffei, L., Fiorentini, A.: Electroretinographic Responses to Alternating Gratings in the Cat **48** 327 (1982)
Maffei, L., see Buisseret, P. **28** 421 (1977)
Maffei, L., see Bisti, S., et al. **27** 335 (1977)
Maffei, L., see Burr, D., et al. **43** 455 (1981)
Maffei, L., see Cattaneo, A., et al. **43** 115 (1981)
Maffei, L., see Fiorentini, A., et al. **48** 113 (1982)
Magalhães-Castro, B., see Magalhães-Castro, H.H., et al. **25** 541 (1976)
Magalhães-Castro, H.H., Murata, L.A., Magalhães-Castro, B.: Cat Retinal Ganglion Cells Projecting to the Superior Colliculus as Shown by the Horseradish Peroxidase Method **25** 541 (1976)
Magenes, G., see Zambarbieri, D., et al. **47** 417 (1982)
Magherini, P.C., see Favilla, M., et al. **33** 41 (1978)
Magnin, M., Fuchs, A.F.: Discharge Properties of Neurons in the Monkey Thalamus Tested with Angular Acceleration, Eye Movement and Visual Stimuli **28** 293 (1977)
Magnin, M., Jeannerod, M., Putkonen, P.T.S.: Vestibular and Saccadic Influences on Dorsal and Ventral Nuclei of the Lateral Geniculate Body **21** 1 (1974)
Magnin, M., Putkonen, P.T.S.: A New Vestibular Thalamic Area: Electrophysiological Study of the Thalamic Reticular Nucleus and of the Ventral Lateral Geniculate Complex of the Cat **32** 91 (1978)
Magnin, M., see Kennedy, H. **27** 315 (1977)
Magnin, M., see Vanni-Mercier, G. **45** 451 (1982)
Magnin, M., see Vanni-Mercier, G. **46** 368 (1982)
Magnin, M., see Cazin, L., et al. **48** 309 (1982)
Magnussen, S., Glad, A.: Brightness and Darkness Enhancement During Flicker: Perpetual Correlates of Neuronal B- and D-Systems in Human Vision **22** 399 (1975)
Magnussen, S., Glad, A.: Temporal Frequency Characteristics of Spatial Interaction in Human Vision **23** 519 (1975)
Magnussen, S., see Kurtenbach, W. **43** 193 (1981)
Mai, J.K.: Distribution of Retinal Axons Within the Lateral Hypothalamic Area **34** 373 (1978/1979)
Maioli, C., Precht, W., Ried, S.: Short- and Long-term Modifications of Vestibulo-ocular Response Dynamics Following Unilateral Vestibular Nerve Lesions in the Cat **50** 259 (1983)
Maioli, M.G., see Battaglini, P.P., et al. **47** 28 (1982)
Majorossy, K., Kiss, A.: Specific Patterns of Neuron Arrangement and of Synaptic Articulation in the Medial Geniculate Body **26** 1 (1976)
Majorossy, K., Kiss, A.: Types of Interneurons and their Participation in the Neuronal Network of the Medial Geniculate Body **26** 19 (1976)
Majorossy, K., Réthelyi, M.: Synaptic Architecture in the Medial Geniculate Body (Ventral Division) **6** 306 (1968)
Makara, G.B., Rappay, G., Stark, E.: Autoradiographic Localization of ^{3}H-Gamma Aminobutyric Acid in the Medial Hypothalamus **22** 449 (1975)
Makara, G.B., see Záborszky, L. **34** 201 (1978/1979)
Makara, G.B., see Záborszky, L., et al. **22** 525 (1975)
Malcolm, L.J., Bruce, I.S.C., Burke, W.: Excitability of the Lateral Geniculate Nucleus in the Alert, Non-alert, and Sleeping Cat **10** 283 (1970)
Malhan, C., see Wald, A., et al. **25** 157 (1976)
Malpeli, J.G., see Baker, F.H. **29** 433 (1977)
Mancia, M., see Baldissera, F., et al. **4** 1 (1967/68)
Mancia, M., see Cesa-Bianchi, M.G., et al. **5** 1 (1968)
Mandel, P., see Louis, J.C., et al. **42** 63 (1981)
Mandel, P., see Pasantes-Morales, H., et al. **19** 131 (1974)
Mandel, P., see Sarlieve, L.L., et al. **19** 158 (1974)
Manley, J.A., Müller-Preuss, P.: Response Variability of Auditory Cortex Cells in the Squirrel Monkey to Constant Acoustic Stimuli **32** 171 (1978)
Mann, M.D., see Decandia, M., et al. **12** 150 (1971)
Manny, R.E., Levi, D.M.: The Visually Evoked Potential in Humans with Amblyopia: Pseudorandom Modulation of Uniform Field and Sine-Wave Gratings **47** 15 (1982)
Mano, N., see Ito, M., et al. **11** 29 (1970)
Mano, N., see Ito, M., et al. **8** 249 (1969)
Mano, N., see Koike, H., et al. **11** 263 (1970)
Mano, N., see Koike, H., et al. **14** 449 (1972)
Manocha, S.L., Bourne, G.H.: Histochemical Mapping of Succinic Dehydrogenase and Cytochrome Oxidase in the Spinal Cord, Medulla Oblongata and Cerebellum of Squirrel Monkey (Saimiri sciureus) **2** 216 (1966)
Manocha, S.L., Bourne, G.H.: Histochemical Mapping of Succinic Dehydrogenase and Cytochrome Oxidase in the Pons and Mesencephalon of Squirrel Monkey (Saimiri sciureus) **2** 230 (1966)
Manocha, S.L., Shantha, T.R., Bourne, G.H.: Histochemical Studies on the Spinal Cord of Squirrel Monkey (Saimiri Sciureus) **3** 25 (1967)
Mansfield, S., see Dyer, R.G., et al. **39** 453 (1980)
Mansky, T., see Ondo, J., et al. **46** 69 (1982)
Manzoni, T., Barbaresi, P., Bellardinelli,

E., Caminiti, R.: Callosal Projections from the Two Body Midlines **39** 1 (1980)
Manzoni, T., Caminiti, R., Spidalieri, G., Morelli, E.: Anatomical and Functional Aspects of the Associative Projections from Somatic Area SI to SII **34** 453 (1978/1979)
Manzoni, T., see Caminiti, R., et al. **35** 295 (1979)
Manzoni, T., see Innocenti, G.M., et al. **19** 447 (1974)
Marangoz, C., see Macpherson, J., et al. **48** 81 (1982)
Marangoz, C., see Macpherson, J.M., et al. **45** 410 (1982)
Marangoz, C., see Tan, Ü., et al. **31** 499 (1978)
Marchesi, G.F., see Bisti, S., et al. **14** 24 (1972)
Marchesi, G.F., see Buchtel, H.A., et al. **15** 278 (1972)
Marco, L.A., Ebel, H.C., Sommers, D., Gilman, S.: Abnormalities of Muscle Spindle Afferent Responses in Congenital Feline Ataxia **17** 111 (1973)
Marcus, S., see Asanuma, H., et al. **34** 73 (1978/1979)
Margnelli, M., see Sotgiu, M.L., et al. **49** 307 (1983)
Margules, S., see Bologa, L., et al. **50** 84 (1983)
Mariani, J.: Electrophysiological Study of Inferior Olivary Neurons in Staggerer Mutant Mice **38** 463 (1979/80)
Marin, O., see Nashner, L.M., et al. **49** 393 (1983)
Marini, G., Provini, L., Rosina, A.: Gravity Responses of Purkinje Cells in the Nodulus **24** 311 (1975/76)
Marini, G., see Sotgiu, M.L., et al. **49** 307 (1983)
Marini, R., see Allen, G.I., et al. **27** 81 (1977)
Mark, R.F., Coquery, J.-M., Paillard, J.: Autogenetic Reflex Effects of Slow or Steady Stretch of the Calf Muscles in Man **6** 130 (1968)
Markham, C.H., see Furuya, N. **43** 289 (1981)
Markham, C.H., see Nakao, S., et al. **40** 283 (1980)
Markham, C.H., see Yagi, T., et al. **30** 587 (1977)
Markowitsch, H.J., Irle, E.: Widespread Cortical Projections of the Ventral Tegmental Area and of Other Brain Stem Structures in the Cat **41** 233 (1980/81)
Markowitsch, H.J., Pritzel, M., Divac, I.: The Prefrontal Cortex of the Cat: Anatomical Subdivisions Based on Retrograde Labelling of Cells in the Mediodorsal Thalamic Nucleus **32** 335 (1978)
Markowitsch, H.J., Pritzel, M., Petrović-Minić, B.: Prefrontal Cortex of the Cat: Paucity of Afferent Projections from the Parietal Cortex **39** 105 (1980)
Markowitsch, H.J., see Irle, E. **48** 199 (1982)
Markowitsch, H.J., see Irle, E. **47** 79 (1982)
Marsden, C.D., see Reavill, C., et al. **37** 309 (1979)
Marshall, K.C., McLennan, H.: The Synaptic Activation of Neurones of the Feline Ventrolateral Thalamic Nucleus: Possible Cholinergic Mechanisms **15** 472 (1972)
Marshall, P.E., see Mathers, L.H., Jr., et al. **33** 353 (1978)
Martin del Rio, R., Orensanz Munoz, L.M., DeFeudis, F.V.: Contents of β-Alanine and γ-Aminobutyric Acid in Regions of Rat CNS **28** 225 (1977)
Martin, G.F., Henkel, C.K., King, J.S.: Cerebello-Olivary Fibers: Their Origin, Course and Distribution in the North American Opossum **24** 219 (1975/76)
Martin, G.F., see King, J.S., et al. **22** 13 (1975)
Martin, G.F., see King, J.S., et al. **26** 159 (1976)
Martin, J.H., see Ghez, C. **45** 115 (1982)
Martin, K.A.C., Somogyi, P., Whitteridge, D.: Physiological and Morphological Properties of Identified Basket Cells in the Cat's Visual Cortex **50** 193 (1983)
Martin, K.A.C., see Kennedy, H., et al. **47** 313 (1982)
Martin, M.R., Caddy, K.W.T.: Electrophysiological Studies on Interpositus Neurones in the Normal and Lurcher Mutant Mouse **29** 275 (1977)
Martin, M.R., see Biscoe, T.J., et al. **26** 547 (1976)
Martins-Ferreira, H., see Rodrigues, P.S. **38** 229 (1979/80)
Marton, J., see Léránth, C., et al. **22** 509 (1975)
Marty, R., see Bisconte, J.-C. **22** 37 (1975)
Marty, R., see Bisconte, J.-C. **21** 455 (1974)
Marty, R., see Fulcrand, J. **16** 466 (1972/73)
Marty, R., see Fulcrand, J. **14** 38 (1972)
Marty, R., see Raymond, J., et al. **20** 273 (1974)
Marty, R., see Sans, A., et al. **10** 265 (1970)
Marzi, C.A., see De Stefano, M., et al. **38** 197 (1979/80)
Mascetti, G.G., see Berlucchi, G., et al. **31** 275 (1978)
Mason, R.: Functional Organization in the Cat's Pulvinar Complex **31** 51 (1978)
Mason, R.: Differential Responsiveness of Cells in the Visual Zones of the Cat's LP-Pulvinar Complex to Visual Stimuli **43** 25 (1981)
Mason, R.: Responsiveness of Cells in the Cat's Superior Colliculus to Textured Visual Stimuli **37** 231 (1979)
Mason, R.: Cell Properties in the Medial Interlaminar Nucleus of the Cat's Lateral Geniculate Complex in Relation to the Transient/Sustained Classification **22** 327 (1975)
Mason, R.: Responses of Cells in the Dorsal Lateral Geniculate Complex of the Cat to Textured Visual Stimuli **25** 323 (1976)
Massari, V.J., Tizabi, Y., Jacobowitz, D.M.: Potential Noradrenergic Regulation of Serotonergic Neurons in the Median Raphe Nucleus **34** 177 (1978/1979)
Massey, J.T., see Georgopoulos, A.P., et al. **49** 327 (1983)
Massion, J., see Dormont, J.F. **10** 205 (1970)
Massion, J., see Rispal-Padel, L. **10** 331 (1970)
Massion, J., see Coulmance, M., et al. **37** 265 (1979)
Massion, J., see Dufossé, M., et al. **45** 38 (1982)
Massopust, L.C., see Benzinger, H. **50** 1 (1983)
Massopust, L.C., see Kultas-Ilinsky, K., et al. **33** 481 (1978)
Masuoka, D., see Diaz, J., et al. **31** 117 (1978)
Matesz, K., see Székely, G., et al. **45** 19 (1982)
Mather, J.A., Lackner, J.R.: Adaptation to Visual Rearrangement Elicited by Tonic Vibration Reflexes **24** 103 (1975/76)
Mather, J.A., Lackner, J.R.: The Influence of Efferent, Proprioceptive, and Timing Factors on the Accuracy of Eye-Hand Tracking **43** 406 (1981)
Mather, J.A., see Lackner, J.R. **44** 138 (1981)
Mathers, L.H., Chow, K.L., Spear, P.D., Grobstein, P.: Ontogenesis of Receptive Fields in the Rabbit Striate Cortex **19** 20 (1974)
Mathers, L.H., see Rapisardi, S.C., et al. **22** 295 (1975)
Mathers, L.H., Jr., Mercer, K.L., Marshall, P.E.: Synaptic Development in the Rabbit Superior Colliculus and Visual Cortex **33** 353 (1978)
Matsuda, Y., see Sasaki, K., et al. **16** 89 (1972/73)
Matsuda, Y., see Sasaki, K., et al. **16** 75 (1972/73)
Matsuda, Y., see Sasaki, K., et al. **23** 91 (1975)
Matsuda, Y., see Sasaki, K., et al. **22** 87 (1975)
Matsuda, Y., see Sasaki, K., et al. **26** 261 (1976)
Matsukawa, K., Kamei, H., Minoda, K., Udo, M.: Interlimb Coordination in Cat Locomotion Investigated with Perturbation. I. Behavioral and Electromyographic Study on Symmetric Limbs of Decerebrate and Awake Walking Cats **46** 425 (1982)
Matsukawa, K., see Udo, M., et al. **41** 292 (1980/81)
Matsukawa, K., see Udo, M., et al. **46** 438 (1982)

Matsumoto, A., Aoki, M., Mori, S.: Ascending Long Spinal Actions on Forelimb Motoneurons in the Acute Spinal Cat **24** 509 (1975/76)
Matsumoto, A., Mori, S.: Post-Tetanic Effect on Dorsal Root Reflex and Flexor Reflex in the Forelimb of Cats **21** 361 (1974)
Matsumoto, K., see Yamamoto, C., et al. **38** 469 (1979/80)
Matsunami, K., see Conrad, B., et al. **29** 85 (1977)
Matsunami, K., see Toyama, K., et al. **11** 187 (1970)
Matsunami, K., see Toyama, K., et al. **21** 45 (1974)
Matsuo, V., see Raphan, T., et al. **35** 229 (1979)
Matsushima, J., see Fukushima, K., et al. **40** 131 (1980)
Matsushita, M., Ikeda, M.: Olivary Projektions to the Cerebellar Nuclei in the Cat **10** 488 (1970)
Matsushita, M., Ikeda, M.: Spinal Projections to the Cerebellar Nuclei in the Cat **10** 501 (1970)
Matsushita, M., Ikeda, M.: Projections from the Lateral Reticular Nucleus to the Cerebellar Cortex and Nuclei in the Cat **24** 403 (1975/76)
Matsushita, M., see Hosoya, Y. **35** 315 (1979)
Matsuura, T., Bureš, J.: The Minimum Volume of Depolarized Neural Tissue Required for Triggering Cortical Spreading Depression in Rat **12** 238 (1971)
Matthews, H.R., see Matthews, P.B.C., et al. **45** 313 (1982)
Matthews, P.B.C., Bawa, P., Matthews, H.R.: Synchronisation of Motor Firing by Vibration During Stretch Evoked Responses of the Human Wrist Flexors **45** 313 (1982)
Mattio, T.G., Rosenquist, T.H., Kirby, M.L.: Appearance of Acid Phosphatase in Neonatal Rat Substantia Gelatinosa **41** 411 (1980/81)
Mauguière, F., Baleydier, C.: Topographical Organization of the Medial Pulvinar Neurons Sending Fibres to Brodman's Area 7, 21 and 22 in the Monkey **31** 605 (1978)
Mauguière, F., see Baleydier, C. **27** 501 (1977)
Mauguière, F., see Baleydier, C. **31** 43 (1978)
Maulucci, R., see Herman, R., et al. **42** 392 (1981)
Maulucci, R., see Herman, R., et al. **47** 69 (1982)
Maunz, R.A., see Maeda, M., et al. **22** 69 (1975)
Maunz, R.A., see Peterson, B.W., et al. **32** 287 (1978)
Maunz, R.A., see Peterson, B.W., et al. **23** 333 (1975)
Maunz, R.A., see Wilson, V.J., et al. **32** 1 (1978)
Mauritz, K.-H., Dietz, V.: Characteristics of Postural Instability Induced by Ischemic Blocking of Leg Afferents **38** 117 (1979/80)
Mauritz, K.-H., see Allum, J.H.J., et al. **48** 153 (1982)
Mauritz, K.-H., see Dietz, V., et al. **40** 89 (1980)
Mauritz, K.-H., see Richter, D.W., et al. **20** 193 (1974)
Maurus, M., Ploog, D.: Social Signals in Squirrel Monkeys: Analysis by Cerebral Radio Stimulation **12** 171 (1971)
Maurus, M., Pruscha, H.: Quantitative Analyses of Behavioral Sequences Elicited by Automated Telestimulation in Squirrel Monkeys **14** 372 (1972)
Maurus, M., see Jürgens, U., et al. **4** 114 (1967/68)
May, H.U., see Fischer, B. **11** 448 (1970)
May, H.U., see Fischer, B., et al. **15** 212 (1972)
Mayahara, H., see Kaiya, H., et al. **34** 395 (1978/1979)
Mayeno, J.K., see Chapman, C.R., et al. **43** 246 (1981)
Mayer, M.L.: Inhibitory Actions of Amino Acids in the Preoptic-anterior Hypothalamus of the Rat **43** 154 (1981)
Mayer, U., see Eysel, U.T., et al. **41** 256 (1980/81)
Mayes, L.C., see Dyer, R.G. **33** 583 (1978)
McCabe, B.J., Cipolla-Neto, J., Horn, G., Bateson, P.: Amnesic Effects of Bilateral Lesions Placed in the Hyperstriatum ventrale of the Chick After Imprinting **48** 13 (1982)
McCabe, B.J., see Cipolla-Neto, J., et al. **48** 22 (1982)
McCaffery, C.A., Bennett, M.R., Dreher, B.: The Survival of Neonatal Rat Retinal Ganglion Cells in vitro is Enhanced in the Presence of Appropriate Parts of the Brain **48** 377 (1982)
McCandless, D.W., Schenker, S.: Effect of Acute Ammonia Intoxication on Energy Stores in the Cerebral Reticular Activating System **44** 325 (1981)
McClure, W.O., see Schlichter, D.J. **21** 83 (1974)
McCormack, M., Dubrovsky, B.: Impairments in Limb Actions After Dorsal Funiculi Section in Cats **37** 31 (1979)
McCourt, M.E., Jacobs, G.H.: Effects of Photic Environment on the Development of Spectral Response Properties of Optic Nerve Fibers in the Ground Squirrel **49** 443 (1983)
McCrea, R.A., Yoshida, K., Berthoz, A., Baker, R.: Eye Movement Related Activity and Morphology of Second Order Vestibular Neurons Terminating in the Cat Abducens Nucleus **40** 468 (1980)
McCulloch, R.M., Johnston, G.A.R., Game, C.J.A., Curtis, D.R.: The Differential Sensitivity of Spinal Interneurones and Renshaw Cells to Kainate and N-Methyl-D-Aspartate **21** 515 (1974)
McDonald, W.I.: The Time Course of Conduction Failure During Degeneration of a Central Tract **14** 550 (1972)
McDonald, W.I., see Jacobson, S.G., et al. **36** 491 (1979)
McIlwain, J.T., Buser, P.: Receptive Fields of Single Cells in the Cat's Superior Colliculus **5** 314 (1968)
McIlwain, J.T.: Some Evidence Concerning the Physiological Basis of the Periphery Effect in the Cat's Retina **1** 265 (1966)
McIntyre, A.K., Holman, M.E., Veale, J.L.: Cortical Responses to Impulses from Single Pacinian, Corpuscles in the Cat's Hind Limb **4** 243 (1967/68)
McIntyre, A.K., Proske, U., Tracey, D.J.: Afferent Fibers from Muscle Receptors in the Posterior Nerve of the Cat's Knee Joint **33** 415 (1978)
McKay, J.M., see Horn, G. **17** 271 (1973)
McKenzie, J.S., see Kunze, W., et al. **36** 233 (1979)
McKeon, B.B., see Gandevia, S.C., et al. **50** 415 (1983)
McKinley, P.A., Smith, J.L., Gregor, R.J.: Responses of Elbow Extensors to Landing Forces During Jump Downs in Cats **49** 218 (1983)
McKinney, M., see Johnston, M.V., et al. **43** 159 (1981)
McLaren, J.W., see Lynch, J.C. **49** 125 (1983)
McLennan, H.: Inhibitions of Long Duration in the Cerebral Cortex. A Quantitative Difference between Excitatory Amino Acids **10** 417 (1970)
McLennan, H., Liu, J.: The Action of Six Antagonists of the Excitatory Amino Acids on Neurones of the Rat Spinal Cord **45** 151 (1982)
McLennan, H., see Marshall, K.C. **15** 472 (1972)
McLoon, S.C., Lund, R.D.: Specific Projections of the Retina Transplanted to Rat Brain **40** 273 (1980)
McLoon, S.C., Lund, R.D.: Transient Retinofugal Pathways in the Developing Chick **45** 277 (1982)
Mecacci, L., see Bisti, S., et al. **27** 335 (1977)
Medve, L., see Kovács, G.L., et al. **38** 357 (1979/80)
Mei, N.: Mécanorécepteurs Vagaux Cardio-Vasculaires et Respiratoires Chez le Chat – *Cardiovascular and Respiratory Vagal Mechanoreceptors in the Cat* **11** 480 (1970)
Mei, N.: Mécanorécepteurs Vagaux Digestifs Chez le Chat – *Digestif Vagal Mechanoreceptors in the Cat* **11** 502 (1970)
Mei, N.: Disposition Anatomique et Prop-

riétés Électrophysiologiques des Neurones Sensitifs Vagaux Chez le Chat – *Anatomical Arrangement and Electrophysiological Properties of Sensitive Vagal Neurones in the Cat* **11** 465 (1970)
Mei, N., see Ouazzani, T. El **34** 419 (1978/1979)
Mei, N., see Ouazzani, T. El **42** 442 (1981)
Mei, N., see Ranieri, F., et al. **16** 276 (1972/73)
Meier, H., MacPike, A.D.: A Neurological Mutation (msd) of the Mouse Causing a Deficiency of Myelin Synthesis **10** 512 (1970)
Meier, R.E., Mihailovič, J., Cuénod, M.: Thalamic Organization of the Retino-Thalamo-Hyperstriatal Pathway in the Pigeon (Columba Livia) **19** 351 (1974)
Meier, R.E., see Mihailovič, J., et al. **21** 229 (1974)
Meinck, H.-M., Piesiur-Strehlow, B.: Reflexes Evoked in Leg Muscles from Arm Afferents: A Propriospinal Pathway in Man? **43** 78 (1981)
Meininger, V., see Baulac, M. **50** 107 (1983)
Melvill Jones, G., Gonshor, A.: Oculomotor Response to Rapid Head Oscillation (0.5-5.0 Hz) After Prolonged Adaptation to Vision-Reversal. ‚Simple' and ‚Complex' Effects **45** 45 (1982)
Melvill Jones, G., see Berthoz, A., et al. **44** 19 (1981)
Mendell, L.M., Scott, J.G.: The Effect of Peripheral Nerve Cross-Union on Connections of Single Ia Fibers to Motoneurons **22** 221 (1975)
Méndez-Otero, R., see Ramôa, A.S., et al. **49** 373 (1983)
Menétrey, D., Giesler, G.J., Besson, J.M.: An Analysis of Response Properties of Spinal Cord Dorsal Horn Neurones to Nonnoxious and Noxious Stimuli in the Spinal Rat **27** 15 (1977)
Menini, Ch., see Buser, P., et al. **1** 102 (1966)
Mensah, P.L.: Stability of Large Cell-Medium Cell Clusters in the Mature Neostriatum **47** 57 (1982)
Mensah, P.L.: Distribution of the Largest Neuron in Mouse Caudateputamen Nucleus: Its Position in Large-cell – Medium-cell Clusters **38** 267 (1979/80)
Mense, S., see Kniffki, K.-D., et al. **31** 511 (1978)
Mercer, K.L., see Mathers, L.H., Jr., et al. **33** 353 (1978)
Mergner, T., Anastasopoulos, D., Becker, W.: Neuronal Responses to Horizontal Neck Deflection in the Group X Region of the Cat's Medullary Brainstem **45** 196 (1982)
Mergner, T., Deecke, L., Wagner, H.-J.: Vestibulo-Thalamic Projection to the Anterior Suprasylvian Cortex of the Cat **44** 455 (1981)
Mergner, T., Nardi, G.L., Becker, W., Deecke, L.: The Role of Canal-Neck Interaction for the Perception of Horizontal Trunk and Head Rotation **49** 198 (1983)
Mergner, T., see Anastasopoulos, D. **46** 269 (1982)
Merzenich, M.M., Harrington, T.: The Sense of Flutter-Vibration Evoked by Stimulation of the Hairy Skin of Primates: Comparison of Human Sensory Capacity with the Responses of Mechanoreceptive Afferents Innervating the Hairy Skin of Monkeys **9** 236 (1969)
Merzenich, M.M., see Harrington, T. **10** 251 (1970)
Mesulam, M.-M., see Pandya, D.N., et al. **42** 319 (1981)
Metzler, J., see Spinelli, D.N., et al. **15** 289 (1972)
Meulders, M., Godfraind, J.M.: Influence du réveil d'origine réticulaire sur l'étendue des champs visuels des neurones de la région genouillée chez le Chat avec cerveau intact ou avec cerveau isolé **9** 201 (1969)
Meulders, M., see Godfraind, J.M. **9** 183 (1969)
Meyer, B.L., see Eidelberg, E., et al. **40** 241 (1980)
Meyer, B.L., see Eidelberg, E., et al. **42** 81 (1981)
Meyer, D.L., Bonnemann, D., Schaefer, K.-P.: Equalization of Asymmetries of Tonus in the Optomotor System of Rabbits. A Study on Oculomotor Neurons **18** 505 (1973)
Meyer, D.L., Schaefer, K.-P., Winkelmann, A.: Single Unit Responses of Rabbit Ear-Muscles to Postural and Accelerative Stimulation **14** 118 (1972)
Meyer-Lohmann, J., see Benecke, R., et al. **23** 13 (1975)
Meyer-Lohmann, J., see Benecke, R., et al. **21** 113 (1974)
Meyer-Lohmann, J., see Hellweg, F.C., et al. **21** 353 (1974)
Mezey, É., see Hámori, J. **30** 259 (1977)
Mezey, É., see Hámori, J., et al. **44** 97 (1981)
Mezey, É., see Palkovits, M., et al. **28** 189 (1977)
Michaux, R.: Activité catatonigène de certaines amines biogènes et de leurs dérivés méthoxylés **3** 178 (1967)
Michel-Bechet, M., see Picard, D., et al. **14** 331 (1972)
Midgley, G.C., Tees, R.C.: Orienting Behavior by Rats with Visual Cortical and Subcortical Lesions **41** 316 (1980/81)
Mihailovič, J., Perisič, M., Bergonzi, R., Meier, R.E.: The Dorsolateral Thalamus as a Relay in the Retino-Wulst Pathway in Pigeon (Columba livia). An Electrophysiological Study **21** 229 (1974)
Mihailovič, J., see Meier, R.E., et al. **19** 351 (1974)
Miles, T.S., Wilkinson, T.M.: Limitation of Jaw Movement by Antagonist Muscle Stiffness During Unloading of Human Jaw Closing Muscles **46** 305 (1982)
Miles, T.S., see Macpherson, J., et al. **48** 81 (1982)
Miles, T.S., see Macpherson, J.M., et al. **45** 410 (1982)
Millar, J.: Flexion-Extension Sensitivity of Elbow Joint Afferents in Cat **24** 209 (1975/76)
Miller, A.D., Brooks, V.B.: Late Muscular Responses to Arm Perturbations Persist During Supraspinal Dysfunctions in Monkeys **41** 146 (1980/81)
Miller, A.D., Brooks, V.B.: Parallel Pathways for Movement Initiation in Monkeys **45** 328 (1982)
Miller, A.D., Roossin, P.S., Schor, R.H.: Roll Tilt Reflexes After Vestibulospinal Tract Lesions **48** 107 (1982)
Miller, A.D., see Schor, R.H. **47** 137 (1982)
Miller, J., see Ryan, A. **32** 389 (1978)
Miller, J.M., see Pfingst, B.E., et al. **29** 393 (1977)
Miller, S., Scott, P.D.: The Spinal Locomotor Generator **30** 387 (1977)
Milner, A.D., see Lines, C.R. **50** 166 (1983)
Milner, A.D., see Goodale, M.A., et al. **31** 445 (1978)
Minchin, M.C.W.: The Release of Amino Acids Synthesised from Various Compartmented Precursors in Rat Spinal Cord Slices **29** 515 (1977)
Minderhoud, J.M.: An Anatomical Study of the Efferent Connections of the Thalamic Reticular Nucleus **12** 435 (1971)
Minke, B., Auerbach, E.: Latencies and Correlation in Single Units and Visual Evoked Potentials in the Cat Striate Cortex Following Monocular and Binocular Stimulations **14** 409 (1972)
Minoda, K., see Matsukawa, K., et al. **46** 425 (1982)
Minoda, K., see Udo, M., et al. **41** 292 (1980/81)
Misgeld, U., Okada, Y., Hassler, R.: Locally Evoked Potentials in Slices of Rat Neostriatum: A Tool for the Investigation of Intrinsic Excitatory Processes **34** 575 (1978/1979)
Misgeld, U., Sarvey, J.M., Klee, M.R.: Heterosynaptic Postactivation Potentiation in Hippocampal CA 3 Neurons: Long-term Changes of the Postsynaptic Potentials **37** 217 (1979)
Misgeld, U., Wagner, A., Ohno, T.: Depolarizing IPSPs and Depolarization by GABA of Rat Neostriatum Cells in vitro **45** 108 (1982)
Misgeld, U., Weiler, M.H., Bak, I.J.: Intrinsic Cholinergic Excitation in the Rat Neostriatum: Nicotinic and Muscarinic Receptors **39** 401 (1980)

Misgeld, U., see Frotscher, M., et al. **41** 247 (1980/81)
Mishkin, M., see Iversen, S.D. **11** 376 (1970)
Mishkin, M., see Robinson, B.W. **4** 330 (1967/68)
Mishra, O.P., see Kovachich, G.B. **50** 62 (1983)
Mitchell, D.E., Griffin, F., Muir, D.W., Blakemore, C., Van Sluyters, R.C.: Behavioural Compensation of Cats After Early Rotation of One Eye **25** 109 (1976)
Mitchell, D.E., Reardon, J., Muir, D.W.: Interocular Transfer of the Motion After-Effect in Normal and Stereoblind Observers **22** 163 (1975)
Mitchell, D.E., see Timney, B., et al. **31** 547 (1978)
Mitzdorf, U., Singer, W.: Prominent Excitatory Pathways in the Cat Visual Cortex (A 17 and A 18): A Current Source Density Analysis of Electrically Evoked Potentials **33** 371 (1978)
Miyake, A., see Hayashi, R., et al. **43** 217 (1981)
Miyashita, Y., see Batini, C., et al. **37** 1 (1979)
Miyashita, Y., see Dufossé, M., et al. **33** 139 (1978)
Miyashita, Y., see Ito, M., et al. **45** 233 (1982)
Miyashita, Y., see Ito, M., et al. **37** 17 (1979)
Mize, R.R., see Harrell, J.V., et al. **46** 234 (1982)
Mizuno, N., see Itoh, K. **30** 471 (1977)
Mizuno, N., see Kawaguchi, S., et al. **35** 511 (1979)
Mizuno, N., see Sasaki, K., et al. **37** 193 (1979)
Mizuno, N., see Sasaki, K., et al. **16** 89 (1972/73)
Mizuno, N., see Sasaki, K., et al. **16** 75 (1972/73)
Mizuno, N., see Sasaki, K., et al. **23** 91 (1975)
Mizuno, N., see Sasaki, K., et al. **46** 29 (1982)
Mizuno, N., see Sasaki, K., et al. **22** 87 (1975)
Mizuno, N., see Sasaki, K., et al. **24** 495 (1975/76)
Mizuno, N., see Sato, M., et al. **34** 143 (1978/1979)
Mogenson, G.J., Morgan, C.W.: Effects of Induced Drinking on Self-Stimulation of the Lateral Hypothalamus **3** 111 (1967)
Moger, W.H., see Wilkinson, M. **41** 188 (1980/81)
Mohn, G., Russel, I.S.: The Role of the Corpus Callosum and Some Subcortical Commissures in Interocular Transfer in the Hooded Rat **42** 467 (1981)
Molander, C., see Appelberg, B. **3** 372 (1967)
Molenaar, I., see Rustioni, A. **23** 1 (1975)
Molenaar, J., Grind, W.A. van de: Anisotropic Receptive Field Structure of Cat Horizontal Cells **37** 253 (1979)
Molenaar, J., Grind, W.A. van de: A Visual Stimulator for Orbiting Light Spots and Equal Energy Annuli with Continously Variable Parameters **37** 65 (1979)
Molina, J.C., see Ferreya Moyano, H. **39** 241 (1980)
Møller, A.R.: Neural Delay in the Ascending Auditory Pathway **43** 93 (1981)
Møller, A.R.: Dynamic Properties of Excitation and Two-tone Inhibition in the Cochlear Nucleus Studied Using Amplitude-Modulated Tones **25** 307 (1976)
Møller, M., Møllgård, K., Lund-Andersen, H., Hertz, L.: Concordance Between Morphological and Biochemical Estimates of Fluid Spaces in Rat Brain Cortex Slices **21** 299 (1974)
Møller, M., see Lund-Andersen, H. **28** 37 (1977)
Møller, M., see Rønnekleiv, O.K. **37** 551 (1979)
Mollevanger, W.J.,, see Tielen, A.M., et al. **44** 343 (1981)
Mollevanger, W.J., see Tielen, A.M., et al. **42** 231 (1981)
Møllgård, K., see Møller, M., et al. **21** 299 (1974)
Molony, V., see Cervero, F., et al. **35** 135 (1979)
Molotchnikoff, S., Lachapelle, P.: Corticofugal Influence on Evoked Activity of Lateral Geniculate Neurons in the Rabbit **29** 527 (1977)
Molotchnikoff, S., Lachapelle, P.: Evidence of a Collicular Input to the Dorsal Lateral Geniculate Nucleus in Rabbits – Electrophysiology **40** 221 (1980)
Molotchnikoff, S., see Lepore, F., et al. **50** 392 (1983)
Monnet, F., Lichtensteiger, W.: Endogenous α-Melanotropin and Central Dopamine Systems in Physical and Psychological Stress **42** 203 (1981)
Monster, A.W., see Kernell, D. **46** 191 (1982)
Monster, A.W., see Kernell, D. **46** 197 (1982)
Montarolo, P.G., Raschi, F., Strata, P.: Are the Climbing Fibres Essential for the Purkinje Cell Inhibitory Action? **42** 215 (1981)
Moon Edley, S., see Graybiel, A.M., et al. **34** 189 (1978/1979)
Moore, D.R., Irvine, D.R.F.: Development of Responses to Acoustic Interaural Intensity Differences in the Cat Inferior Colliculus **41** 301 (1980/81)
Moore, D.R., Irvine, D.R.F.: Development of Binaural Input, Response Patterns, and Discharge Rate in Single Units of the Cat Inferior Colliculus **38** 103 (1979/80)
Moors, J., Coenen, A.M.L., Gerrits, H.J.M., Vendrik, A.J.H.: The Filling-In Phenomenon in Vision and McIlwains's Periphery Effect **19** 343 (1974)
Moors, J., Vendrik, A.J.H.: Responses of Single Units in the Monkey Superior Colliculus to Stationary Flashing Stimuli **35** 333 (1979)
Moors, J., Vendrik, A.J.H.: Responses of Single Units in the Monkey Superior Colliculus to Moving Stimuli **35** 349 (1979)
Mor, J., see Carmon, A., et al. **25** 103 (1976)
Morasso, P., Bizzi, E., Dichgans, J.: Adjustment of Saccade Characteristics During Head Movements **16** 492 (1972/73)
Morasso, P.: Spatial Control to Arm Movements **42** 223 (1981)
Morasso, P., see Dichgans, J., et al. **18** 548 (1973)
Mordes, J.P., see Foote, W.E., et al. **19** 124 (1974)
Morelli, E., see Manzoni, T., et al. **34** 453 (1978/1979)
Morelli, M., see De Stefano, M., et al. **38** 197 (1979/80)
Morgan, B., Frost, B.J.: Visual Response Characteristics of Neurons in Nucleus of Basal Optic Root of Pigeons **42** 181 (1981)
Morgan, C.W., see Mogenson, G.J. **3** 111 (1967)
Morgan, W.W., Hansen, J.T.: Time Course of the Disappearance of Pineal Noradrenaline Following Superior Cervical Ganglionectomy **32** 429 (1978)
Mori, A., see Waters, R.S., et al. **48** 335 (1982)
Mori, S., see Matsumoto, A. **21** 361 (1974)
Mori, S., see Matsumoto, A., et al. **24** 509 (1975/76)
Morihisa, J., see Wuerthele, S.M., et al. **44** 1 (1981)
Morin, C., Pierrot-Deseilligny, E.: Role of Ia Afferents in the Soleus Motoneurones Inhibition during a Tibialis Anterior Voluntary Contraction in Man **27** 509 (1977)
Morin, C., see Pierrot-Deseilligny, E., et al. **42** 337 (1981)
Morin, C.., see Pierrot-Deseilligny, E., et al. **42** 351 (1981)
Morley, J.W., Goodwin, A.W., Darian-Smith, I.: Tactile Discrimination of Gratings **49** 291 (1983)
Morrell, J.I., Wolinsky, T.D., Krieger, M.S., Pfaff, D.W.: Autoradiographic Identification of Estradiolconcentrating Cells in the Spinal Cord of the Female Rat **45** 144 (1982)
Morrell, L.K.: Sensory Interaction: Evoked Potential Observations in Man **6** 146 (1968)
Morris, M.E., see Kelly, J.S., et al. **7** 11 (1969)
Morrone, C., see Burr, D., et al. **43** 455 (1981)

Morrone, C., see Cattaneo, A., et al. **43** 115 (1981)
Morse, J.R., see Schneider, J.S., et al. **46** 311 (1982)
Mosher, C.G., see Stuart, D.G., et al. **14** 274 (1972)
Mosher, C.G., see Stuart, D.G., et al. **10** 477 (1970)
Mosher, C.G., see Stuart, D.G., et al. **10** 463 (1970)
Moss, R.L., see Kelly, M.J., et al. **30** 43 (1977)
Moss, R.L., see Kelly, M.J., et al. **30** 53 (1977)
Mouillac-Baudevin, J., see Vedel, J.P. **9** 325 (1969)
Mouillac-Baudevin, J., see Vedel, J.P. **9** 307 (1969)
Mouillac-Baudevin, J., see Vedel, J.P. **10** 39 (1970)
Movshon, J.A., see Blakemore, C., et al. **31** 561 (1978)
Movshon, J.A., see Tolhurst, D.J., et al. **41** 414 (1980/81)
Mucke, L., Norita, M., Benedek, G., Creutzfeldt, O.D.: Physiologic and Anatomic Investigation of a Visual Cortical Area Situated in the Ventral Bank of the Anterior Ectosylvian Sulcus of the Cat **46** 1 (1982)
Müller-Preuss, P., see Jürgens, U. **29** 75 (1977)
Müller-Preuss, P., see Manley, J.A. **32** 171 (1978)
Mugnaini, E., Walberg, F.: An Experimental Electron Microscopical Study on the Mode of Termination of Cerebellar Corticovestibular Fibres in the Cat. Lateral Vestibular Nucleus (Deiters' Nucleus) **4** 212 (1967/68)
Mugnaini, E., Walberg, F., Brodal, A.: Mode of Termination of Primary Vestibular Fibres in the Lateral Vestibular Nucleus. An Experimental Electron Microscopical Study in the Cat **4** 187 (1967/68)
Mugnaini, E., Walberg, F., Hauglie-Hanssen, E.: Observation on the Fine Structure of the Lateral Vestibular Nucleus (Deiters' Nucleus) in the Cat **4** 146 (1967/68)
Mugnaini, E., see Brand, S. **26** 105 (1976)
Mugnaini, E., see Brand, S., et al. **26** 39 (1976)
Muir, D.W., see Mitchell, D.E., et al. **25** 109 (1976)
Muir, D.W., see Mitchell, D.E., et al. **22** 163 (1975)
Muir, R.B., see Bharos, T.B., et al. **42** 399 (1981)
Mullikin, W., see Stein, A., et al. **49** 341 (1983)
Murakami, F., Tsukahara, N., Fujito, Y.: Analysis of Unitary EPSPs Mediated by the Newly-Formed Cortico-Rubral Synapses after Lesion of the Nucleus Interpositus of the Cerebellum **30** 233 (1977)
Murakami, F., Tsukahara, N., Fujito, Y.: Properties of the Synaptic Transmission of the Newly-Formed Cortico-Rubral Synapses after Lesion of the Nucleus Interpositus of the Cerebellum **30** 245 (1977)
Murakami, F., see Tsukahara, N., et al. **23** 49 (1975)
Murakami, S., see Fukushima, K., et al. **40** 131 (1980)
Murakami, S., see Fukushima, K., et al. **44** 143 (1981)
Murakami, S., see Fukushima, K., et al. **41** 75 (1980/81)
Murakami, T., see Nakamura, Y., et al. **29** 405 (1977)
Murakami, T., see Nakamura, Y., et al. **29** 45 (1977)
Murata, K., see Hess, R. **21** 285 (1974)
Murata, L.A., see Magalhães-Castro, H.H., et al. **25** 541 (1976)
Muroff, J., see Tucker, G.S., et al. **37** 459 (1979)
Murphy, E.H., see Payne, B.R., et al. **43** 371 (1981)
Murphy, E.H., see Pearson, H.E., et al. **50** 367 (1983)
Murphy, J.T., see Eccles, J.C., et al. **13** 36 (1971)
Murphy, J.T., see Eccles, J.C., et al. **13** 15 (1971)
Murphy, J.T., see Eccles, J.C., et al. **13** 54 (1971)
Murphy, P.R., see Ellaway, P.H. **38** 305 (1979/80)
Murthy, K.S.K., Letbetter, W.D., Eidelberg, E., Cameron, W.E., Petit, J.: Histochemical Evidence for the Existence of Skeletofusimotor (β) Innervation in the Primate **46** 186 (1982)
Murthy, K.S.K., see Jami, L., et al. **48** 177 (1982)
Myers, R.D., Beleslin, D.B.: The Spontaneous Release of 5-Hydroxytryptamine and Acetylcholin Within the Diencephalon of the Unanaesthetized Rhesus Monkey **11** 539 (1970)
Myers, R.D., see Sharpe, L.G. **8** 295 (1969)
Myers, R.E., see Yamaguchi, S.-I. **15** 225 (1972)
Myers, R.E., see Yamaguchi, S.-I. **18** 119 (1973)
Myklebust, B.M., see Gottlieb, G.L., et al. **46** 454 (1982)
Mysliveček, J., Štipek, S.: Effects of Early Visual and Complex Stimulation on Learning, Brain Biochemistry, and Electrophysiology **36** 343 (1979)

N

Nacimiento, A.C., see Richter, D.W., et al. **20** 193 (1974)
Nagata, T., see Hayashi, Y., et al. **18** 531 (1973)
Nagata, Y., Tsukada, Y.: Effect of Degeneration of Sympathetic Ganglion Cells on Amino Acid Metabolism in Cervical Ganglion from the Rat **5** 202 (1968)
Nahvi, M.J., see Shofer, R.J. **8** 327 (1969)
Nahvi, M.J., see Woody, C.D. **16** 455 (1972/73)
Nail, B.S., Sterling, G.M., Widdicombe, J.G.: Patterns of Spontaneous and Reflexly-Induced Activity in Phrenic and Intercostal Motoneurons **15** 318 (1972)
Naito, F., see Niimi, K. **19** 326 (1974)
Naito, J., Kawamura, K.: Thalamocortical Neurons Projecting to the Areas Surrounding the Anterior and Middle Suprasylvian Sulci in the Cat. A Horseradish Peroxidase Study **45** 59 (1982)
Nakagawa, H., see Shiosaka, S., et al. **39** 377 (1980)
Nakahama, H., see Sato, T., et al. **24** 285 (1975/76)
Nakahama, H., see Sato, T., et al. **16** 533 (1972/73)
Nakai, K., see Watabe, K., et al. **48** 66 (1982)
Nakajima, H., see Akaike, T., et al. **17** 477 (1973)
Nakajima, H., see Akaike, T., et al. **18** 446 (1973)
Nakamura, S., see Tsumoto, T. **21** 195 (1974)
Nakamura, S., see Tsumoto, T., et al. **22** 281 (1975)
Nakamura, Y., Murakami, T., Kikuchi, M., Kubo, Y., Ishimine, S.: Primary Afferent Depolarization in the Trigeminal Spinal Nucleus of Cats **29** 45 (1977)
Nakamura, Y., Murakami, T., Kikuchi, M., Kubo, Y., Ishimine, S.: Analysis of the Circuitry Responsible for Primary Afferent Depolarization in the Trigeminal Spinal Nucleus Caudalis of Cats **29** 405 (1977)
Nakamura, Y., see Ishimine, S., et al. **40** 154 (1980)
Nakamura, Y., see Nozaki, S., et al. **49** 363 (1983)
Nakao, S., Curthoys, I.S., Markham, C.H.: Direct Inhibitory Projection of Pause Neurons to Nystagmus-Related Pontomedullary Reticular Burst Neurons in the Cat **40** 283 (1980)
Nakao, S., Sasaki, S.: Excitatory Input from Interneurons in the Abducens Nucleus to Medial Rectus Motoneurons Conjugate Horizontal Nystagmus in the Cat **39** 23 (1980)
Nakao, S., Sasaki, S., Schor, R.H., Shimazu, H.: Functional Organization of Premotor Neurons in the Cat Medial Vestibular Nucleus Related to Slow and Fast Phases of Nystagmus **45** 371 (1982)
Nakao, S., see Hikosaka, O., et al. **27** 355 (1977)
Nakao, S., see Hikosaka, O., et al. **33** 337 (1978)

Nakayama, K., see Tyler, C.W., et al. **33** 535 (1978)
Namba, M., see Kaiya, H., et al. **34** 395 (1978/1979)
Nardi, G.L., see Mergner, T., et al. **49** 198 (1983)
Nardini, M., see Fieschi, C., et al. **7** 111 (1969)
Naruse, H., Cheng, S.-C., Waelsch, H.: CO_2 Fixation in the Nervous System. V. CO_2 Fixation and Citrate Metabolism in Rabbit Nerve **1** 291 (1966)
Naruse, H., Cheng, S.-C., Waelsch, H.: Microdetermination of Citric Acid in Nervous Tissue **1** 40 (1966)
Naruse, H., Cheng, S.-C., Waelsch, H.: CO_2 Fixation in the Nervous Tissue. IV. CO_2 Fixation and Citrate Metabolism in Lobster Nerve **1** 284 (1966)
Nashner, L.M.: Adapting Reflexes Controlling the Human Posture **26** 59 (1976)
Nashner, L.M., Cordo, P.J.: Relation of Automatic Postural Responses and Reaction-Time Voluntary Movements of Human Leg Muscles **43** 395 (1981)
Nashner, L.M.: Fixed Patterns of Rapid Postural Responses among Leg Muscles during Stance **30** 13 (1977)
Nashner, L.M., Shumway-Cook, A., Marin, O.: Stance Posture Control in Select Groups of Children with Cerebral Palsy: Deficits in Sensory Organization and Muscular Coordination **49** 393 (1983)
Nashner, L.M., Woollacott, M., Tuma, G.: Organization of Rapid Responses to Postural and Locomotor-like Perturbations of Standing Man **36** 463 (1979)
Naumann, R.A., see Bourke, R.S., et al. **10** 427 (1970)
Neckers, L.M., Schwartz, Joan P., Wyatt, R. J., Speciale, S.G.: Substance P Afferents from the Habenula Innervate the Dorsal Raphe Nucleus **37** 619 (1979)
Negishi, K., see Hess, R., et al. **22** 415 (1975)
Negoro, H., Akaishi, T.: Interaction of Hypertonic NaCl, Hemorrhage and Angiotensin II in Stimulating Paraventricular Neurosecretory Cells in the Rat **48** 121 (1982)
Neher, E., see Lux, H.D. **17** 190 (1973)
Neher, E., see Lux, H.D., et al. **11** 431 (1970)
Neimand, D., see Weese, D.G., et al. **16** 542 (1972/73)
Nell, T., see Grossmann, W., et al. **22** 351 (1975)
Nelson, J.I.: Does Orientation Domain Inhibition play a Role in Visual Cortex Plasticity? **32** 293 (1978)
Nelson, K.M., see Bourke, R.S., et al. **10** 427 (1970)
Nelson, P.G., see Evans, E.F. **17** 402 (1973)
Nelson, P.G., see Evans, E.F. **17** 428 (1973)
Neskovic, N.M., see Sarlieve, L.L., et al. **19** 158 (1974)
Newman, J.D., Lindsley, D.F.: Single Unit Analysis of Auditory Processing in Squirrel Monkey Frontal Cortex **25** 169 (1976)
Newman, J.D., see Symmes, D. **19** 365 (1974)
Nickel, B., see Scheich, H., et al. **28** 229 (1977)
Nicoll, R.A.: Olfactory Nerves and Their Excitatory Action in the Olfactory Bulb **14** 185 (1972)
Niedner, I., see Herz, A., et al. **1** 249 (1966)
Nielsen, M.H., Dam, M., Klinken, L.: The Ultrastructure of Purkinje Cells in Diphenylhydantoin Intoxicated Rats **12** 447 (1971)
Niimi, K., Naito, F.: Cortical Projections of the Medial Geniculate Body in the Cat **19** 326 (1974)
Niimi, M.: Cortical Projections of the Anterior Thalamic Nuclei in the Cat **31** 403 (1978)
Nijs, H.G.T., see Godschalk, M., et al. **44** 113 (1981)
Nikara, T., Bishop, P.O., Pettigrew, J.D.: Analysis of Retinal Correspondence by Studying Receptive Fields of Binocular Single Units in Cat Striate Cortex **6** 353 (1968)
Nikara, T., see Pettigrew, J.D., et al. **6** 373 (1968)
Nikara, T., see Pettigrew, J.D., et al. **6** 391 (1968)
Nir, I., see Puder, M., et al. **46** 85 (1982)
Nishizuka, M., Arai, Y.: Regional Difference in Sexually Dimorphic Synaptic Organization of Medial Amygdala **49** 462 (1983)
Nisimaru, N., see Ito, M., et al. **24** 273 (1975/76)
Nisimaru, N., see Ito, M., et al. **24** 257 (1975/76)
Nisimaru, N., see Ito, M., et al. **26** 89 (1976)
Nitsch, C., see Haug, P. **48** 463 (1982)
Nitsch, C., see Frotscher, M., et al. **41** 247 (1980/81)
Nitsch-Hassler, C., see Okada, Y., et al. **13** 514 (1971)
Noback, C.R., see Eisenmann, L.M. **38** 11 (1979/80)
Noda, H., Creutzfeldt, O.D., Freeman, R.B., Jr.: Binocular Interaction in the Visual Cortex of Awake Cats **12** 406 (1971)
Noda, H., Freeman, R.B., Jr., Gies, B., Creutzfeldt, O.D.: Neuronal Responses in the Visual Cortex of Awake Cats to Stationary and Moving Targets **12** 389 (1971)
Noguchi, K., see Rentschler, I., et al. **44** 154 (1981)
Nogueira, G.J., see Wright, P.M., et al. **13** 294 (1971)
Nordby, T., see Walberg, F., et al. **40** 233 (1980)
Norden, J.J., Lin, C.S., Kaas, J.H.: Subcortical Projections of the Dorsomedial Visual Area (DM) of Visual Association Cortex in the Owl Monkey, Aotus Trivirgatus **32** 321 (1978)
Norita, M., see Mucke, L., et al. **46** 1 (1982)
Norman, J.L., see Daniels, J.D., et al. **29** 155 (1977)
Norman, R.L., Howard, B.D.: The Buoyant Density of Synaptic Plasma Membranes from the Cerebral Cortex of Neonatal Rats **28** 279 (1977)
Norrsell, K., see Bjursten, L.-M., et al. **25** 115 (1976)
Norrsell, U.: Sensory Defects Caused by Lesions of the First (SI) and Second (SII) Somatosensory Area of the Dog **32** 181 (1978)
Norrsell, U.: The Spinal Afferent Pathways of Conditioned Reflexes to Cutaneous Stimuli in the Dog **2** 269 (1966)
Norrsell, U.: An Evoked Potential Study of Spinal Pathways Projecting to the Cerebral Somatosensory Areas in the Dog **2** 261 (1966)
Norrsell, U.: Thermosensory Defects After Cervical Spinal Cord Lesions in the Cat **35** 479 (1979)
Norrsell, U., see Alstermark, B., et al. **42** 299 (1981)
Norrsell, U., see Bjursten, L.-M., et al. **25** 115 (1976)
Northcutt, R.G., see Pritz, M.B. **40** 342 (1980)
Nothdurft, H.C., Lee, B.B.: Responses to Coloured Patterns in the Macaque Lateral Geniculate Nucleus: Pattern Processing in Single Neurones **48** 43 (1982)
Nothdurft, H.C., Lee, B.B.: Responses to Coloured Patterns in the Macaque Lateral Geniculate Nucleus: Analysis of Receptive Field Properties **48** 55 (1982)
Novak, G., see James, A.E., Jr., et al. **27** 553 (1977)
Nozaki, S., Enomoto, S., Nakamura, Y.: Identification and Input-Output Properties of Bulbar Reticular Neurons Involved in the Cerebral Cortical Control of Trigeminal Motoneurons in Cats **49** 363 (1983)
Nozue, M., see Kawai, N., et al. **8** 190 (1969)
Nurcombe, V., Bennett, M.R.: Embryonic Chick Retinal Ganglion Cells Identified „in vitro". Their Survival is Dependent on a Factor from the Optic Tectum **44** 249 (1981)
Nyberg-Hansen, R.: Corticospinal Fibres from the Medial Aspect of the Cerebral Hemisphere in the Cat. An Experimental Study with the Nauta Method **7** 120 (1969)
Nyman, G., see Leinonen, L. **34** 321 (1978/1979)

Nyman, G., see Leinonen, L., et al. **34** 299 (1978/1979)
Nystel, J., see Eidelberg, E., et al. **40** 241 (1980)

O

Oakson, G., see Steriade, M., et al. **46** 37 (1982)
Obata, K., Ito, M., Ochi, R., Sato, N.: Pharmacological Properties of the Postsynaptic Inhibition by Purkinje Cell Axons and the Action of γ-Aminobutyric Acid on Deiters Neurones **4** 43 (1967/68)
Obata, K., Takeda, K., Shinozaki, H.: Further Study on Pharmacological Properties of the Cerebellar-Induced Inhibition of Deiters Neurones **11** 327 (1970)
Obata, K., see Ito, M., et al. **10** 64 (1970)
Obata, K., see Ito, M., et al. **2** 350 (1966)
Obata, K., see Ito, M., et al. **2** 330 (1966)
Ochi, R., see Ito, M., et al. **2** 350 (1966)
Ochi, R., see Ito, M., et al. **2** 330 (1966)
Ochi, R., see Obata, K., et al. **4** 43 (1967/68)
Ochs, S., see Phillis, J.W. **12** 132 (1971)
O'Connor, T.A., see Pfingst, B.E., et al. **29** 393 (1977)
Oda, Y., see Fujito, Y., et al. **45** 13 (1982)
Oda, Y., see Tsukahara, N., et al. **45** 1 (1982)
Oda, Y., see Udo, M., et al. **41** 292 (1980/81)
Odagiri, M., see Yamamoto, K. **43** 104 (1981)
O'Donovan, M.J., see Pinter, M.J., et al. **45** 133 (1982)
Odutola, A., see Illert, M., et al. **42** 269 (1981)
Ödkvist, L.M., Lindgren, S.R.C., Larsby, B., Jerlvall, L.: Vestibular and Somatosensory Inflow to the Vestibular Projection Area in the Post Cruciate Dimple Region of the Cat Cerebral Cortex **22** 185 (1975)
Ödkvist, L.M., Rubin, A.M., Schwarz, D.W.F., Fredrickson, J.M.: Vestibular and Auditory Cortical Projection in the Guinea Pig (Cavia Porcellus) **18** 279 (1973)
Ödkvist, L.M., Schwarz, D.W.F., Fredrickson, J.M., Hassler, R.: Projection of the Vestibular Nerve to the Area 3a Arm Field in the Squirrel Monkey (Saimiri Sciureus) **21** 97 (1974)
Ödkvist, L.M., see Liedgren, S.R.C., et al. **24** 237 (1975/76)
Ökrös, I., see Pfeifer, A.K., et al. **5** 79 (1968)
Oertel, W., see Klinke, R. **28** 311 (1977)
Oertel, W., see Klinke, R. **30** 145 (1977)
Oertel, W., see Klinke, R. **30** 141 (1977)
Oertzen, H.D. von, see Pitzel, L., et al. **43** 213 (1981)
Oey, J.: Noradrenaline-Refractoriness in Cultured Glioma Cells **25** 359 (1976)
Oeynhausen, B. von,, see Rager, G. **35** 213 (1979)
Offenloch, K., see Franzén, O. **8** 1 (1969)
Ogawa, H., Kaisaku, J.: Physiological Characteristics of the Solitario-parabrachial Relay Neurons with Tongue Afferent Inputs in Rats **48** 362 (1982)
Ogawa, K., see Kaiya, H., et al. **34** 395 (1978/1979)
Ohnishi, S., see Shimizu, N. **17** 133 (1973)
Ohnishi, S., see Shimizu, N., et al. **20** 181 (1974)
Ohno, M., see Fukushima, K., et al. **44** 441 (1981)
Ohno, M., see Fukushima, K., et al. **44** 143 (1981)
Ohno, M., see Fukushima, K., et al. **41** 75 (1980/81)
Ohno, M., see Fukushima, K., et al. **45** 303 (1982)
Ohno, T., see Azzena, G.B. **17** 63 (1973)
Ohno, T., see Akaike, T., et al. **17** 497 (1973)
Ohno, T., see Allen, G.I., et al. **36** 359 (1979)
Ohno, T., see Allen, G.I., et al. **20** 255 (1974)
Ohno, T., see Allen, G.I., et al. **20** 239 (1974)
Ohno, T., see Misgeld, U., et al. **45** 108 (1982)
Ohno, T., see Toyama, K., et al. **21** 45 (1974)
Ohshita, S., see Tada, K., et al. **35** 287 (1979)
Ohye, C., Bouchard, R., Larochelle, L., Bédard, P., Boucher, R., Raphy, B., Poirier, L.J.: Effect of Dorsal Rhizotomy on Postural Tremor in the Monkey **10** 140 (1970)
Ohye, C., see Dormont, J.F. **12** 254 (1971)
Ohzawa, I., see Macy, A., et al. **48** 401 (1982)
Oi Lan Ho, see Olney, J.W., et al. **14** 61 (1972)
Oja, S.S., see Korpi, E.R. **36** 99 (1979)
Oja, S.S., see Lähdesmäki, P. **15** 430 (1972)
Oja, S.S., see Lindroos, O.F.C. **14** 48 (1972)
Oka, H., Jinnai, K.: Common Projection of the Motor Cortex to the Caudate Nucleus and the Cerebellum **31** 31 (1978)
Oka, H., Jinnai, K., Yamamoto, T.: The Parieto-rubro-olivary Pathway in the Cat **37** 115 (1979)
Oka, H.: Organization of the Cortico-caudate Projections. A Horseradish Peroxidase Study in the Cat **40** 203 (1980)
Oka, H., see Sasaki, K., et al. **29** 419 (1977)
Oka, H., see Sasaki, K., et al. **23** 91 (1975)
Oka, H., see Sasaki, K., et al. **22** 87 (1975)
Oka, H., see Sasaki, K., et al. **24** 495 (1975/76)
Oka, H., see Sasaki, K., et al. **26** 261 (1976)
Okada, Y., Nitsch-Hassler, C., Kim, J.S., Bak, I.J., Hassler, R.: Role of γ-Aminobutyric Acid (GABA) in the Extrapyramidal Motor System. 1. Regional Distribution of GABA in Rabbit, Rat, Guinea Pig and Baboon CNS **13** 514 (1971)
Okada, Y., see Hongo, T. **3** 163 (1967)
Okada, Y., see Hongo, T., et al. **3** 135 (1967)
Okada, Y., see Ito, M., et al. **7** 214 (1969)
Okada, Y., see Kim, J.S., et al. **14** 95 (1972)
Okada, Y., see Koike, H., et al. **11** 263 (1970)
Okada, Y., see Koike, H., et al. **14** 449 (1972)
Okada, Y., see Koike, H., et al. **5** 189 (1968)
Okada, Y., see Koike, H., et al. **5** 173 (1968)
Okada, Y., see Misgeld, U., et al. **34** 575 (1978/1979)
Okada, Y., see Precht, W., et al. **18** 415 (1973)
O'Keefe, J., Conway, D.H.: Hippocampal Place Units in the Freely Moving Rat: Why They Fire Where They Fire **31** 573 (1978)
O'Leary, D.D.M., see Gerfen, C.R., et al. **48** 443 (1982)
O'Leary, D.P., see Macadar, O., et al. **22** 1 (1975)
Oliveras, J.L., Besson, J.M., Guilbaud, G., Liebeskind, J.C.: Behavioral and Electrophysiological Evidence of Pain Inhibition From Midbrain Stimulation in the Cat **20** 32 (1974)
Oliveras, J.L., see Berthoz, A., et al. **23** 425 (1975)
Olmos, J.S. de: An Improved HRP Method for the Study of Central Nervous Connections **29** 541 (1977)
Olney, J.W., Oi Lan Ho, Rhee, V.: Cytotoxic Effects of Acidic and Sulphur Containing Amino Acids on the Infant Mouse Central Nervous System **14** 61 (1972)
Olpe, H.R., Honegger, C.G., Leuba, G., Rabinowicz, T.: The Morphological Characterization of Isolated Nuclei in Comparison to in situ Nuclei from Mouse Cortex **21** 131 (1974)
Olson, C.R., Freeman, R.D.: Profile of the Sensitive Period for Monocular Deprivation in Kittens **39** 17 (1980)
Olson, C.R., Freeman, R.D.: Cumulative Effect of Brief Daily Periods of Monocular Vision on Kitten Striate Cortex **38** 53 (1979/80)
Olson, C.R., see Freeman, R.D. **39** 117 (1980)
Olson, L., Seiger, Å., Hoffer, B., Taylor, D.: Isolated Catecholaminergic Projections from Substantia Nigra and Locus Coeruleus to Caudate, Hippocampus and Cerebral Cortex Formed by Intraocular Sequential Double Brain Grafts **35** 47 (1979)
Olson, L., Seiger, Å., Taylor, D., Freed-

man, R., Hoffer, B.: Conditions of Adrenergic Hyperinnervation in Hippocampus: I. Histochemical Evidence from Intraocular Double Grafts **39** 277 (1980)
Olson, L., see Seiger, Å. **29** 15 (1977)
Olson, L., see Taylor, D., et al. **39** 289 (1980)
Olson, L., see Wuerthele, S.M., et al. **44** 1 (1981)
Olsson, K.Å., Landgren, S.: Facilitation and Inhibition of Jaw Reflexes Evoked by Electrical Stimulation of the Cat's Cerebral Cortex **39** 149 (1980)
Olsson, K.Å., see Landgren, S. **39** 133 (1980)
Olsson, K.Å., see Landgren, S. **26** 299 (1976)
Olsson, K.Å., see Landgren, S. **39** 389 (1980)
Olton, D.S., Feustle, W.A.: Hippocampal Function Required for Nonspatial Working Memory **41** 380 (1980/81)
Oman, C.M., see Wicke, R.W. **46** 324 (1982)
Ondo, J., Mansky, T., Wuttke, W.: In vivo GABA Release from the Medial Preoptic Area of Diestrous and Ovariectomized Rats **46** 69 (1982)
Ono, K., see Tada, K., et al. **35** 287 (1979)
Ono, T., see Kawaguchi, S. **21** 375 (1974)
Onodera, S., see Hirai, T., et al. **48** 1 (1982)
Or, T.H., see Hwang, J.C., et al. **40** 346 (1980)
Orban, G.A., Callens, M.: Receptive Field Types of Area 18 Neurones in the Cat **30** 107 (1977)
Orban, G.A., Callens, M.: Influence of Movement Parameters on Area 18 Neurones in the Cat **30** 125 (1977)
Orban, G.A., Kennedy, H., Maes, H.: Functional Changes Across the 17-18 Border in the Cat **39** 177 (1980)
Orban, G.A., see Duysens, J., et al. **45** 285 (1982)
Orensanz Munoz, L.M., see Martin del Rio, R., et al. **28** 225 (1977)
Orlov, L., see Ito, M., et al. **33** 143 (1978)
Orman, S.S., Humphrey, G.L.: Effects of Changes in Cortical Arousal and of Auditory Cortex Cooling on Neuronal Activity in the Medial Geniculate Body **42** 475 (1981)
Orsal, D., see Viala, G., et al. **33** 257 (1978)
Orsini, J.C.: Lack of Centripetal Connection between the Lateral Olfactory Tract and the Caudate Nucleus. Evoked Potential Study in the Rat **29** 293 (1977)
Oscarsson, O., Rosén, I.: Response Characteristics of Reticulocerebellar Neurones Activated from Spinal Afferents **1** 320 (1966)
Oscarsson, O., Sjölund, B.: The Ventral Spino-Olivocerebellar System in the Cat. I. Identification of Five Paths and their Termination in the Cerebellar Anterior Lobe **28** 469 (1977)
Oscarsson, O., Sjölund, B.: The Ventral Spino-Olivocerebellar System in the Cat. III. Functional Characteristics of the Five Paths **28** 505 (1977)
Oscarsson, O., Sjölund, B.: The Ventral Spino-Olivocerebellar System in the Cat. II. Termination Zones in the Cerebellar Posterior Lobe **28** 487 (1977)
Oscarsson, O., see Andersson, G. **32** 549 (1978)
Oscarsson, O., see Andersson, G. **32** 565 (1978)
Oscarsson, O., see Ekerot, C.-F. **25** 327 (1976)
Oscarsson, O., see Grant, G. **1** 329 (1966)
Oscarsson, O., see Clendenin, M., et al. **21** 473 (1974)
Oscarsson, O., see Clendenin, M., et al. **21** 501 (1974)
Oscarsson, O., see Clendenin, M., et al. **21** 487 (1974)
Oscarsson, O., see Clendenin, M., et al. **24** 131 (1975/76)
Oscarsson, O., see Cooke, J.D., et al. **13** 339 (1971)
Oscarsson, O., see Cooke, J.D., et al. **13** 359 (1971)
Oscarsson, O., see Grant, G., et al. **1** 306 (1966)
Oshima, T., see Allen, G.I., et al. **24** 1 (1975/76)
Oshima, T., see Allen, G.I., et al. **24** 15 (1975/76)
Oshima, T., see Allen, G.I., et al. **29** 123 (1977)
Oshima, T., see Koike, H., et al. **11** 263 (1970)
Oshima, T., see Koike, H., et al. **14** 449 (1972)
Oshima, T., see Koike, H., et al. **5** 189 (1968)
Oshima, T., see Koike, H., et al. **5** 173 (1968)
Ossuzio, I., see Courjon, J.H., et al. **28** 235 (1977)
Oster, M.L., see Del Cerro, M.P., et al. **8** 311 (1969)
Oswald, H.P., see Büttner, U., et al. **30** 435 (1977)
Ouazzani, T. El, Mei, N.: Mise en Evidence Electrophysiologique des Thermorécepteurs Vagaux dans la Région Gastro-Intestinale. Leur Rôle dans la Régulation de la Motricité Digestive – *Vagal Thermoreceptors in the Gastro-Intestinal Area* **34** 419 (1978/1979)
Ouazzani, T. El, Mei, N.: Acido- et Glucorecepteurs Vagaux de la Région Gastro-duodénale. – *Vagal Acido- and Glucoreceptors in the Gastro- duodenal Region* **42** 442 (1981)
Outerbridge, J.S., see Cheng, M. **23** 129 (1975)
Overman, W.H., Jr., Doty, R.W.: Disturbance of Delayed Match-to-sample in Macaques by Tetanization of Anterior Commissure Versus Limbic System or Basal Ganglia **37** 511 (1979)
Ozawa, N., see Uno, M., et al. **33** 493 (1978)
Ozawa, S., Precht, W., Shimazu, H.: Crossed Effects of Central Vestibular Neurons in the Horizontal Canal System of the Frog **19** 394 (1974)
Ozawa, S., see Precht, W., et al. **19** 377 (1974)

P

Pacheco, P., see Almazan, G., et al. **50** 321 (1983)
Pacitti, C., see Scarnati, E. **46** 377 (1982)
Padel, Y., Armand, J., Smith, A.M.: Topography of Rubrospinal Units in the Cat **14** 363 (1972)
Padel, Y., Smith, A.M., Armand, J.: Topography of Projections from the Motor Cortex to Rubrospinal Units in the Cat **17** 315 (1973)
Padel, Y., see Jeneskog, T. **50** 309 (1983)
Padel, Y., see Illert, M., et al. **33** 101 (1978)
Paillard, J., see Mark, R.F., et al. **6** 130 (1968)
Palay, S.L., see Chan-Palay, V., et al. **30** 561 (1977)
Palkovits, M., Mezey, É., Hámori, J., Szentágothai, J.: Quantitative Histological Analysis of the Cerebellar Nuclei in the Cat. I. Numerical Data on Cells and on Synapses **28** 189 (1977)
Palkovits, M., see Léránth, C., et al. **22** 509 (1975)
Palkovits, M., see Pfeifer, A.K., et al. **5** 79 (1968)
Palkovits, M., see Roizen, M.F., et al. **24** 203 (1975/76)
Palkovits, M., see Záborszky, L., et al. **22** 525 (1975)
Palmer, A.R., see Evans, E.F. **40** 115 (1980)
Pandya, D.N., Van Hoesen, G.W., Mesulam, M.-M.: Efferent Connections of the Cingulate Gyrus in the Rhesus Monkey **42** 319 (1981)
Pandya, D.N., see Seltzer, B. **49** 147 (1983)
Pantò, M.R., see Giuffrida, R., et al. **39** 261 (1980)
Panula, P., Partanen, S., Kaakkola, S.: Fluorescence Histochemical Observations on the Distribution of Exogenous Dihydroisoquinoline in the Rat Brain **34** 155 (1978/1979)
Papaioannou, J.N.: Changes in the Light-Evoked Discharges from Lateral Geniculate Nucleus Neurones in the Cat, Induced by Caloric Labyrinthine Stimulation **17** 10 (1973)
Papaioannou, J.N.: Effects of Caloric Labyrinthine Stimulation on the Spontaneous Activity of Lateral Geniculate Nucleus Neurones in the Cat **17** 1 (1973)

Parker, D.M., Delius, J.D.: Visual Evoked Potentials in the Forebrain of the Pigeon **14** 198 (1972)
Parker, D.M., see Salzen, E.A., et al. **31** 107 (1978)
Parker, D.M., see Salzen, E.A., et al. **24** 145 (1975/76)
Parkinson, A.M., see Cowey, A. **18** 433 (1973)
Parmeggiani, P.L., see Perez, E., et al. **47** 114 (1982)
Parmer, R., see Berkley, K.J. **20** 363 (1974)
Parnavelas, J.G., Chatzissavidou, A., Burne, R.A.: Subcortical Projections to Layer I of the Visual Cortex, Area 17, of the Rat **41** 184 (1980/81)
Parrish, R.G., see Bakay, L., et al. **23** 241 (1975)
Part, N.J., see Andrew, B.L., et al. **34** 263 (1978/1979)
Part, N.J., see Andrew, B.L., et al. **31** 433 (1978)
Partanen, S., see Panula, P., et al. **34** 155 (1978/1979)
Pasantes-Morales, H., Klethi, J., Urban, P.F., Mandel, P.: The Effect of Electrical Stimulation, Light and Amino Acids on the Efflux of ^{35}S-Taurine from the Retina of Domestic Fowl **19** 131 (1974)
Pasik, P., Pasik, T., Hámori, J.: Synapses Between Interneurons in the Lateral Geniculate Nucleus of Monkeys **25** 1 (1976)
Pasik, P., Pasik, T., Hámori, J., Szentágothai, J.: Golgi Type II Interneurons in the Neuronal Circuit of the Monkey Lateral Geniculate Nucleus **17** 18 (1973)
Pasik, P., see Schilder, P., et al. **14** 436 (1972)
Pasik, P., see Solomon, S.J., et al. **44** 259 (1981)
Pasik, T., see Pasik, P., et al. **25** 1 (1976)
Pasik, T., see Pasik, P., et al. **17** 18 (1973)
Pasik, T., see Schilder, P., et al. **14** 436 (1972)
Pasik, T., see Solomon, S.J., et al. **44** 259 (1981)
Pasino, E., see Torre, V., et al. **44** 427 (1981)
Pasqualini, J.R., see Tardy, J. **49** 84 (1983)
Pasquier, D.A., Villar, M.J.: Subcortical Projections to the Lateral Geniculate Body in the Rat **48** 409 (1982)
Pass, A.F., see Levi, D.M., et al. **43** 270 (1981)
Passingham, R.E., see Aggleton, J.P. **44** 271 (1981)
Patel, B., see Posner, B.I., et al. **49** 300 (1983)
Patel, H., see Sillito, A.M., et al. **41** 1 (1980/81)
Paula-Barbosa, M.M., Feyo, P.B., Sousa-Pinto, A.: The Association Connexions of the Suprasylvian Fringe (SF) and Other Areas of the Cat Auditory Cortex **23** 535 (1975)
Pause, M., see Klinke, R. **38** 137 (1979/80)
Pause, M., see Grüsser, O.-J., et al. **35** 519 (1979)
Pavard, B., see Berthoz, A., et al. **23** 471 (1975)
Payne, B.R., Berman, N., Murphy, E.H.: A Quantitative Assessment of Eye Alignment in Cats after Corpus Callosum Transection **43** 371 (1981)
Payne, B.R., see Berman, N. **46** 147 (1982)
Payne, B.R., see Berman, N. **47** 234 (1982)
Pearson, H.E., Berman, N., Murphy, E.H.: Critical Periods in Development for Susceptibility to the Effects of Stroboscopic Rearing in the Rabbit Visual Cortex **50** 367 (1983)
Pearson, K.G., see Duysens, J. **24** 245 (1975/76)
Pecci-Saavedra, J., see Bartlett, J.R., et al. **18** 214 (1973)
Pecci-Saavedra, J., see Doty, R.W., et al. **18** 189 (1973)
Pecci-Saavedra, J., see Wilson, P.D., et al. **18** 204 (1973)
Peck, C.K., Barber, G., Pilsecker, C.E., Wark, R.C.: Visual Field Deficits in Cats Reared with Cyclodeviations of the Eyes **41** 61 (1980/81)
Peck, C.K., Blakemore, C.: Modification of Single Neurons in the Kitten's Visual Cortex After Brief Periods of Monocular Visual Experience **22** 57 (1975)
Peck, C.K., Crewther, S.G., Barber, G., Johannsen, C.J.: Pattern Discrimination and Visuomotor Behavior Following Rotation of One or Both Eyes in Kittens and in Adult Cats **34** 401 (1978/1979)
Peck, C.K., Lindsley, D.B.: Single Unit and Evoked Potential Responses in Cat Optic Tract to Paired Light Flashes **16** 371 (1972/73)
Peck, C.K., Wark, R.C.: A Relationship Between Visual Suppression and Amblyopia in Cats with Cyclodeviations of the Eyes **44** 317 (1981)
Peck, C.K., see Schlag, J., et al. **40** 170 (1980)
Peet, M.J., see Curtis, D.R., et al. **48** 387 (1982)
Peet, M.J., see Curtis, D.R., et al. **42** 158 (1981)
Pellet, J., see Weiss, M. **48** 163 (1982)
Pellet, J., see Weiss, M. **48** 171 (1982)
Peng, R.J.,, see Bakay, L., et al. **23** 241 (1975)
Penn, R.D., see Gottlieb, G.L., et al. **46** 454 (1982)
Pentney, R.P., Cotter, J.R.: Organization of the Retinofugal Fibers to the Dorsal Lateral Geniculate Nucleus of *Pteropus Giganteus* **41** 427 (1980/81)
Pepper, C.M., see Henderson, G., et al. **45** 29 (1982)
Perachio, A.A., see Anschel, S., et al. **46** 383 (1982)
Percheron, G., Lacourly, N.: L'Imprecision de la Stereotaxie Thalamique Utilisant les Coordonnees Craniennes de Horsley-Clarke chez le Macaque **18** 355 (1973)
Perciavalle, V., Santangelo, F., Sapienza, S., Serapide, M.F., Urbano, A.: Motor Responses Evoked by Microstimulation of Restiform Body in the Cat **33** 241 (1978)
Perciavalle, V., see Giuffrida, R., et al. **39** 261 (1980)
Perez, E., Zamboni, G., Parmeggiani, P.L.: cAMP Concentration in the Rat's Preoptic Region and Cerebral Cortex During Sleep Deprivation and Recovery Induced by Ambient Temperature **47** 114 (1982)
Perisič, M., see Mihailovič, J., et al. **21** 229 (1974)
Perl, E.R., see Konietzny, F., et al. **42** 219 (1981)
Perrelet, A., see Baetens, D., et al. **48** 256 (1982)
Perret, C., Berthoz, A.: Evidence of Static and Dynamic Fusimotor Actions on the Spindle Response to Sinusoidal Stretch During Locomotor Activity in the Cat **18** 178 (1973)
Perrett, D.I., Rolls, E.T., Caan, W.: Visual Neurones Responsive to Faces in the Monkey Temporal Cortex **47** 329 (1982)
Perrin, J., Crousillat. J.: Effets de la Stimulation des Mécanorécepteurs Splanchniques sur l'Activité des Cellules Cérébelleuses de Purkinje – *Effect of Stimulation of Splanchnic Mechanoreceptors on the Activity of Purkinje Cells* **37** 405 (1979)
Perry, V.H., Cowey, A.: Changes in Retino-fugal Pathways Following Cortical and Tectal Lesions in Neonatal and Adult Rats **35** 97 (1979)
Perry, V.H., Cowey, A.: The Effects of Unilateral Cortical and Tectal Lesions on Retinal Ganglion Cells in Rats **35** 85 (1979)
Perry, V.H., Cowey, A.: The Morphological Correlates of X- and Y-like Retinal Ganglion Cells in the Retina of Monkeys **43** 226 (1981)
Perry, V.H., see Cowey, A. **35** 457 (1979)
Perry, V.H., see Cowey, A., et al. **48** 149 (1982)
Peterka, R.J., see Tomko, D.L., et al. **41** 216 (1980/81)
Peterson, B.W., Anderson, M.E., Filion, M.: Responses of Ponto-Medullary Reticular Neurons to Cortical, Tectal and Cutaneous Stimuli **21** 19 (1974)
Peterson, B.W., Filion, M., Felpel, L.P., Abzug, Ch.: Responses of Medial Reticular Neurons to Stimulation of the Vestibular Nerve **22** 335 (1975)
Peterson, B.W., Maunz, R.A., Fukushima, K.: Properties of a New Vestibulospinal Projection, the Caudal Vestibulospinal Tract **32** 287 (1978)
Peterson, B.W., Maunz, R.A., Pitts, N.G., Mackel, R.G.: Patterns of Projection

and Branching of Reticulospinal Neurons **23** 333 (1975)
Peterson, B.W., Pitts, N.G., Fukushima, K.: Reticulospinal Connections with Limb and Axial Motoneurons **36** 1 (1979)
Peterson, B.W., Pitts, N.G., Fukushima, K., Mackel, R.G.: Reticulospinal Excitation and Inhibition of Neck Motoneurons **32** 471 (1978)
Peterson, B.W., see Bilotto, G., et al. **47** 343 (1982)
Peterson, B.W., see Fukushima, K., et al. **37** 605 (1979)
Peterson, B.W., see Fukushima, K., et al. **33** 565 (1978)
Peterson, R.P., Hurwitz, R.M., Lindsay, R.: Migration of Axonal Protein: Absence of a Protein Concentration Gradient and Effect of Inhibition of Protein Synthesis **4** 138 (1967/68)
Petit, J., see Jami, L. **24** 485 (1975/76)
Petit, J., see Jami, L., et al. **48** 177 (1982)
Petit, J., see Murthy, K.S.K., et al. **46** 186 (1982)
Petřek, J., Golda, V., Lisoněk, P.: Cortical Response Amplitude Changes Produced by Rhythmic Acoustic Stimulation in Cats **6** 19 (1968)
Petrović-Minić, B., see Markowitsch, H.J., et al. **39** 105 (1980)
Pettigrew, J.D., Nikara, T., Bishop, P.O.: Responses to Moving Slits by Single Units in Cat Striate Cortex **6** 373 (1968)
Pettigrew, J.D., Nikara, T., Bishop, P.O.: Binocular Interaction on Single Units in Cat Striate Cortex: Simultaneous Stimulation by Single Moving Slit with Receptive Fields in Correspondence **6** 391 (1968)
Pettigrew, J.D., see Daniels, J.D., et al. **29** 155 (1977)
Pettigrew, J.D., see Nikara, T., et al. **6** 353 (1968)
Pettmann, B., see Louis, J.C., et al. **42** 63 (1981)
Peyronnard, J.M., Charron, L.: Motoneuronal and Motor Axonal Innervation in the Rat Hindlimb: A Comparative Study Using Horseradish Peroxidase **50** 125 (1983)
Pfaff, D.W., see Kow, L.-M. **47** 191 (1982)
Pfaff, D.W., see Sakuma, Y. **46** 292 (1982)
Pfaff, D.W., see Morrell, J.I., et al. **45** 144 (1982)
Pfeifer, A.K., Szabó, D., Palkovits, M., Ökrös, I.: Correlation Between Noradrenaline Content of the Brain and the Number of Granular Vesicles in Rat Hypothalamus During Nialamid Administration **5** 79 (1968)
Pfeiffer, E.F., see Fehm, H.L., et al. **39** 229 (1980)
Pfeiffer, R.R.: Classification of Response Patterns of Spike Discharges for Units in the Cochlear Nucleus: Tone-Burst Stimulation **1** 220 (1966)
Pfingst, B.E., O'Connor, T.A., Miller, J.M.: Response Plasticity of Neurons in Auditory Cortex of the Rhesus Monkey **29** 393 (1977)
Pham, S.V., see Blanks, R.H.I., et al. **48** 228 (1982)
Phelps, R.W., see Spinelli, D.N., et al. **15** 289 (1972)
Philippe, E., see Tremblay, J.P. **43** 439 (1981)
Phillips, J.O., see Rushmer, D.S., et al. **50** 45 (1983)
Phillips, S.W., see Gardner, C.R. **29** 249 (1977)
Phillips, W.A., Singer, W.: Function and Interaction of On and Off Transients in Vision. I. Psychophysics **19** 493 (1974)
Phillips, W.A., see Singer, W. **19** 507 (1974)
Phillipson, O.T., Pycock, C.J.: Dopamine Neurones of the Ventral Tegmentum Project to Both Medial and Lateral Habenula. Some Implications for Habenular Function **45** 89 (1982)
Phillis, J.W., Ochs, S.: Excitation and Depression of Cortical Neurones During Spreading Depression **12** 132 (1971)
Picard, D., Michel-Bechet, M., Athouël, A.M., Rua, S.: Granules Neurosécrétoires, Lysosomes et Complexe GRL dans le Noyau Supra-Optique du Rat. Bipolarité des Complexes Golgiens **14** 331 (1972)
Picart, R., see Benda, P., et al. **23** 29 (1975)
Piccinelli, L., see Baldissera, F., et al. **48** 455 (1982)
Pierau, F.-K., see Klee, M.R., et al. **19** 478 (1974)
Pierrot-Deseilligny, E., Bergego, C., Katz, R., Morin, C..: Cutaneous Depression of Ib Reflex Pathways to Motoneurones in Man **42** 351 (1981)
Pierrot-Deseilligny, E., Morin, C., Bergego, C., Tankov, N.: Pattern of Group I Fibre Projections from Ankle Flexor and Extensor Muscles in Man **42** 337 (1981)
Pierrot-Deseilligny, E., see Morin, C. **27** 509 (1977)
Piesiur-Strehlow, B., see Meinck, H.-M. **43** 78 (1981)
Pigarev, I.N., see Gentilucci, M., et al. **50** 464 (1983)
Pilsecker, C.E., see Peck, C.K., et al. **41** 61 (1980/81)
Pinter, M.J., Burke, R.E., O'Donovan, M.J., Dum, R.P.: Supraspinal Facilitation of Cutaneous Polysynaptic EPSPs in Cat Medial Gastrocnemius Motoneurons **45** 133 (1982)
Pittman, Q.J., Hatton, J.D., Bloom, F.E.: Spontaneous Activity in Perfused Hypothalamic Slices: Dependence on Calcium Content of Perfusate **42** 49 (1981)
Pitts, N.G., see Fukushima, K., et al. **37** 605 (1979)
Pitts, N.G., see Fukushima, K., et al. **33** 565 (1978)
Pitts, N.G., see Peterson, B.W., et al. **36** 1 (1979)
Pitts, N.G., see Peterson, B.W., et al. **32** 471 (1978)
Pitts, N.G., see Peterson, B.W., et al. **23** 333 (1975)
Pitzel, L., Bischoff, C., König, A.: Changes in Posterior Pituitary Oxytocin Release in vitro During the Estrous Cycle of Female Rats **44** 229 (1981)
Pitzel, L., Diesner, K., Kreikenbaum, K., Oertzen, H.D. von, König, A.: Oxytocin Release from Isolated Posterior Pituitary Lobes of Adult Male Rats as Determined by Radioimmunoassay **43** 213 (1981)
Plassman, W.: Sensory Modality Interdependence in the Octaval System of an Elasmobranch **50** 283 (1983)
Ploog, D., see Jürgens, U. **10** 532 (1970)
Ploog, D., see Maurus, M. **12** 171 (1971)
Ploog, D., see Hupfer, K., et al. **30** 75 (1977)
Ploog, D., see Jürgens, U., et al. **4** 114 (1967/68)
Ploog, D., see Winter, P., et al. **1** 359 (1966)
Pöppel, E., Richards, W.: Light Sensitivity in Cortical Scotomata Contralateral to Small Islands of Blindness **21** 125 (1974)
Pöppel, E., see Singer, W., et al. **14** 210 (1972)
Pöppel, E., see Singer, W., et al. **29** 173 (1977)
Pöppel, E., see Zihl, J., et al. **27** 245 (1977)
Pogorelaya, N.Ch., see Dyachkova, L.N., et al. **12** 105 (1971)
Poirier, L.J., see Ohye, C., et al. **10** 140 (1970)
Pola, J., see Remmel, R.S., et al. **32** 31 (1978)
Pons, C., see Lanoir, J., et al. **41** 346 (1980/81)
Pons, C., see Rispal-Padel, L., et al. **47** 365 (1982)
Pontén, U., see Siesjö, B.K. **2** 176 (1966)
Popelář, J., see Syka, J., et al. **44** 11 (1981)
Popper, A.N., see Saidel, W.M. **50** 149 (1983)
Posner, B.I., Houten, M. van, Patel, B., Walsh, R.J.: Characterization of Lactogen Binding Sites in Choroid Plexus **49** 300 (1983)
Posner, B.I., see Houten, M. van, et al. **38** 455 (1979/80)
Poulain, D.A., Lebrun, C.J., Vincent, J.D.: Electrophysiological Evidence for Connections Between Septal Neurones and the Supraoptic Nucleus of the Hypothalamus of the Rat **42** 260 (1981)
Poulain, D.A., Rodriguez, F., Ellendorff, F.: Sleep is Not a Prerequisite for the Milk Ejection Reflex in the Pig **43** 107 (1981)
Poulain, D.A., see Lebrun, C.J. **47** 203 (1982)

Powell, E.W.: Limbic Projections to the Thalamus **17** 394 (1973)
Pozo, F. del, see Delgado-García, J.M., et al. **25** 79 (1976)
Prablanc, C., see Biguer, B., et al. **46** 301 (1982)
Prablanc, C., see Zambarbieri, D., et al. **47** 417 (1982)
Pratt, R., see Jürgens, U. **34** 499 (1978/1979)
Precht, W., Baker, R., Okada, Y.: Evidence for GABA as the Synaptic Transmitter of the Inhibitory Vestibulo-Ocular Pathway **18** 415 (1973)
Precht, W., Baker, R.: Synaptic Organization of the Vestibulo-Trochlear Pathway **14** 158 (1972)
Precht, W., Cazin, L.: Functional Deficits in the Optokinetic System of Albino Rats **37** 183 (1979)
Precht, W., Llinás, R., Clarke, M.: Physiological Responses of Frog Vestibular Fibers to Horizontal Angular Rotation **13** 378 (1971)
Precht, W., Llinás, R.: Funktional Organization of the Vestibular Afferents to the Cerebellar Cortex of Frog and Cat **9** 30 (1969)
Precht, W., Richter, A., Ozawa, S., Shimazu, H.: Intracellular Study of Frog's Vestibular Neurons in Relation to the Labyrinth and Spinal Cord **19** 377 (1974)
Precht, W., Volkind, R.A., Blanks, R.H.I.: Functional Organization of the Vestibular Input to the Anterior and Posterior Cerebellar Vermis of Cat **27** 143 (1977)
Precht, W., see Baker, R. **14** 127 (1972)
Precht, W., see Blanks, R.H.I. **25** 369 (1976)
Precht, W., see Dieringer, N. **36** 329 (1979)
Precht, W., see Dieringer, N. **36** 311 (1979)
Precht, W., see Dieringer, N. **47** 394 (1982)
Precht, W., see Keller, E.L. **32** 591 (1978)
Precht, W , see Llinás, R. **9** 16 (1969)
Precht, W., see Anderson, J.H., et al. **32** 491 (1978)
Precht, W., see Baker, R., et al. **15** 364 (1972)
Precht, W., see Berthoz, A., et al. **18** 225 (1973)
Precht, W., see Blanks, R.H.I., et al. **27** 181 (1977)
Precht, W., see Blanks, R.H.I., et al. **32** 509 (1978)
Precht, W., see Dieringer, N., et al. **47** 407 (1982)
Precht, W., see King, W.M., et al. **32** 435 (1978)
Precht, W., see King, W.M., et al. **38** 395 (1979/80)
Precht, W., see Llinás, R., et al. **13** 408 (1971)
Precht, W., see Maioli, C., et al. **50** 259 (1983)
Precht, W., see Ozawa, S., et al. **19** 394 (1974)
Precht, W., see Schwindt, P.C., et al. **20** 223 (1974)
Precht, W., see Wilson, V.J., et al. **50** 153 (1983)
Prechtl, H.F.R., Kerr Grant, D., Lenard, H.G., Hrbek, A.: The Lip-Tap-Reflex in the Awake and Sleeping Newborn Infant. A Polygraphic Study **3** 184 (1967)
Presson, J., see Gordon, B. **46** 144 (1982)
Pribram, K.H., Lassonde, M.C., Ptito, M.: Classification of Receptive Field Properties in Cat Visual Cortex **43** 119 (1981)
Pribram, K.H., see Lassonde, M.C., et al. **43** 131 (1981)
Pribram, K.H., see Ungerleider, L.G., et al. **27** 251 (1977)
Priestley, J.V., see Jaffé, E.H., et al. **50** 100 (1983)
Pritz, M.B., Northcutt, R.G.: Anatomical Evidence for an Ascending Somatosensory Pathway to the Telencephalon in Crocodiles, *Caiman Crocodilus* **40** 342 (1980)
Pritzel, M., see Markowitsch, H.J., et al. **32** 335 (1978)
Pritzel, M., see Markowitsch, H.J., et al. **39** 105 (1980)
Prochazka, A., see Wand, P., et al. **38** 109 (1979/80)
Proshansky, E., Egger, M.D.: Dendritic Spread of Dorsal Horn Neurons in Cats **28** 153 (1977)
Proske, U.: The Responses of Frog Muscle Spindles During Stimulation of Slow Motor Axons **45** 364 (1982)
Proske, U., Waite, P.M.E.: The Relation between Tension and Axonal Conduction Velocity for Motor Units in the Medial Gastrocnemius Muscle of the Cat **26** 325 (1976)
Proske, U., see McIntyre, A.K., et al. **33** 415 (1978)
Provini, L., Redman, S., Strata, P.: Mossy and Climbing Fibre Organization on the Anterior Lobe of the Cerebellum Activated by Forelimb and Hindlimb Areas of the Sensorimotor Cortex **6** 216 (1968)
Provini, L., see Buchtel, H.A., et al. **15** 278 (1972)
Provini, L., see Decandia, M., et al. **4** 34 (1967/68)
Provini, L., see Eccles, J.C., et al. **6** 195 (1968)
Provini, L., see Eccles, J.C., et al. **6** 171 (1968)
Provini, L., see Marini, G., et al. **24** 311 (1975/76)
Provis, J.M., Watson, C.R.R.: The Distribution of Ipsilaterally and Contralaterally Projecting Ganglion Cells in the Retina of the Pigmented Rabbit **44** 82 (1981)
Pruscha, H., see Maurus, M. **14** 372 (1972)
Ptito, M., see Lassonde, M.C., et al. **43** 131 (1981)
Ptito, M., see Pribram, K.H., et al. **43** 119 (1981)
Pu, M.-L., see Diao, Y.-C., et al. **49** 410 (1983)
Puder, M., Weidenfeld, J., Chowers, I., Nir, I., Conforti, N., Siegel, R.A.: Corticotrophin and Corticosterone Secretion Following Δ^1-Tetrahydrocannabinol, in Intact and in Hypothalamic Deafferentated Male Rats **46** 85 (1982)
Puil, E.A., see Zieglgänsberger, W. **17** 35 (1973)
Pumain, R., see Heinemann, U. **40** 247 (1980)
Puretz, J., see Simons, D., et al. **23** 353 (1975)
Puro, D.G., Woodward, D.J.: Maturation of Evoked Mossy Fiber Input to Rat Cerebellar Purkinje Cells II. **28** 427 (1977)
Puro, D.G., Woodward, D.J.: Maturation of Evoked Climbing Fiber Input to Rat Cerebellar Purkinje Cells I. **28** 85 (1977)
Putkonen, P.T.S., see Jeannerod, M. **13** 533 (1971)
Putkonen, P.T.S., see Magnin, M. **32** 91 (1978)
Putkonen, P.T.S., see Magnin, M., et al. **21** 1 (1974)
Pycock, C.J., see Phillipson, O.T. **45** 89 (1982)

Q

Quartel, F.W. de, see Habets, A.M.M.C., et al. **38** 257 (1979/80)

R

Rabe, A., Haddad, R.K.: Effect of Selective Hippocampal Lesions in the Rat on Acquisition, Performance, and Extinction of Bar Pressing on a Fixed Ratio Schedule **5** 259 (1968)
Rabin, A.: Labyrinthine and Vestibulospinal Effects on Spinal Motoneurons in the Pigeon **22** 431 (1975)
Rabin, A., see Yoshida, M., et al. **15** 333 (1972)
Rabinowicz, T., see Heumann, D. **46** 99 (1982)
Rabinowicz, T., see Heumann, D. **38** 75 (1979/80)
Rabinowicz, T., see Leuba, G. **37** 283 (1979)
Rabinowicz, T., see Leuba, G. **37** 299 (1979)
Rabinowicz, T., see Olpe, H.R., et al. **21** 131 (1974)
Radionova, E.A., see Altman, J.A., et al. **26** 285 (1976)
Radionova, E.A., see Syka, J., et al. **44** 11 (1981)
Rager, G., Oeynhausen, B. von,: Ingrowth and Ramification of Retinal Fibers in the

Developing Optic Tectum of the Chick Embryo **35** 213 (1979)
Rager, G.: Systems-Matching by Degeneration. II. Interpretation of the Generation and Degeneration of Retinal Ganglion Cells in Chicken by a Mathematical Model **33** 79 (1978)
Rager, G., Rager, U.: Generation and Degeneration of Retinal Ganglion Cells in the Chicken **25** 551 (1976)
Rager, G., Rager, U.: Systems-Matching by Degeneration. I. A Quantitative Electron Microscopic Study of the Generation and Degeneration of Retinal Ganglion Cells in Chicken **33** 65 (1978)
Rager, U., see Rager, G. **25** 551 (1976)
Rager, U., see Rager, G. **33** 65 (1978)
Ragsdale, C.W., Jr., see Graybiel, A.M., et al. **34** 189 (1978/1979)
Rahmann, H.: Transportweg von 3H-Glucose und Syntheseort von Polysacchariden im Zentralnervensystem von Teleosteern – *Transport Route of 3H-Glucose and Site of Synthesis of Polysaccharides in the CNS of Telostei* **6** 32 (1968)
Rahmann, H., see Hilbig, R. **26** 249 (1976)
Rahmann, H,, see Römer, H. **34** 49 (1978/1979)
Rainey, W.T., Jones, E.G.: Spatial Distributions of Individual Medial Lemniscal Axons in the Thalamic Ventrobasal Complex of the Cat **49** 229 (1983)
Raisman, G.: A Comparison of the Mode of Termination of the Hippocampal and Hypothalamic Afferents to the Septal Nuclei as Revealed by Electron Microscopy of Degeneration **7** 317 (1969)
Raisman, G.: An Experimental Study of the Projection of the Amygdala to the Accessory Olfactory Bulb and its Relationship to the Concept of a Dual Olfactory System **14** 395 (1972)
Rakic, P., see Gould, B.B. **44** 195 (1981)
Ramôa, A.S., Rocha-Miranda, C.E., Méndez-Otero, R., Josuá, K.M.: Visual Receptive Fields in the Superficial Layer of the Opossum's Superior Colliculus: Representation of the IPSI and Contralateral Hemifields by Each Eye **49** 373 (1983)
Ranck, J.B., Jr., see Fox, S.E. **41** 399 (1980/81)
Ranieri, F., Mei, N., Crousillat, J.: Les Afférences Splanchniques Provenant des Mécanorécepteurs Gastro-Intestinaux et Péritonéaux **16** 276 (1972/73)
Ranieri, F., see Crousillat, J. **40** 146 (1980)
Rantucci, T., see Eccles, J.C., et al. **19** 100 (1974)
Raphan, T., Matsuo, V., Cohen, B.: Velocity Storage in the Vestibulo-ocular Reflex Arc (VOR) **35** 229 (1979)
Raphan, T., see Waespe, W., et al. **50** 9 (1983)
Raphy, B., see Ohye, C., et al. **10** 140 (1970)
Rapisardi, S.C., Chow, K.L., Mathers, L.H.: Ontogenesis of Receptive Field Characteristics in the Dorsal Lateral Geniculate Nucleus of the Rabbit **22** 295 (1975)
Rappay, G., see Makara, G.B., et al. **22** 449 (1975)
Raschi, F., see Montarolo, P.G., et al. **42** 215 (1981)
Rastad, J.: Morphology of Synaptic Vesicles in Axo-dendritic and Axo-somatic Collateral Terminals of Two Feline Spinocervical Tract Cells Stained Intracellularly with Horseradish Peroxidase **41** 390 (1980/81)
Ratliff, F.: Georg von Békésy † **16** 219 (1972/73)
Rauschecker, J.P.: Instructive Changes in the Kitten's Visual Cortex and Their Limitation **48** 301 (1982)
Rauschecker, J.P., Harris, L.R.: Auditory Compensation of the Effects of Visual Deprivation in the Cat's Superior Colliculus **50** 69 (1983)
Rauschecker, J.P., see Singer, W. **47** 223 (1982)
Rauschecker, J.P., see Singer, W., et al. **41** 199 (1980/81)
Rauschecker, J.P., see Singer, W., et al. **40** 294 (1980)
Rawlins, J.N.P., Feldon, J., Gray, J.A.: Septo-hippocampal Connections and the Hippocampal Theta Rhythm **37** 49 (1979)
Rawlins, J.N.P., Feldon, J., Gray, J.A.: The Effects of Hippocampectomy and of Fimbria Section upon the Partial Reinforcement Extinction Effects in Rats **38** 273 (1979/80)
Rawlins, J.N.P., Green, K.F.: Lamellar Organisation in the Rat Hippocampus **28** 335 (1977)
Ray, D.E.: An EEG Investigation of Decamethrin-induced Choreoathetosis in the Rat **38** 221 (1979/80)
Ray, D.E.: Changes in Brain Blood Flow Associated with Deltamethrin-induced Choreoathetosis in the Rat **45** 269 (1982)
Raymond, J., Sans, A., Marty, R.: Projections Thalamiques des Noyaux Vestibulaires: Etude Histologique chez le Chat **20** 273 (1974)
Raymond, J., see Sans, A., et al. **10** 265 (1970)
Reardon, J., see Mitchell, D.E., et al. **22** 163 (1975)
Reavill, C., Leigh, N., Jenner, P., Marsden, C.D.: Dopamine-mediated Circling Behaviour Does Not Involve the Nigrotectal Pathway **37** 309 (1979)
Rebel, G., see Sarlieve, L.L., et al. **19** 158 (1974)
Rebière, A., Dainat, J.: Etude Ultrastructurale Quantitative du Pericaryon de la Cellule de Purkinje et de son Environnement chez le Rat Normal et Hypothyroidien Agés de 21 Jours **25** 511 (1976)
Redman, S., see Provini, L., et al. **6** 216 (1968)
Reed, D.J., Withrow, C.D., Woodbury, D.M.: Electrolyte and Acid-Base Parameters of Rat Cerebrospinal Fluid **3** 212 (1967)
Reed, D.J., see Buhrley, L.E. **14** 503 (1972)
Regan, D., see Beverley, K.I. **19** 228 (1974)
Reid, F.A., Gasc, J.-M., Stumpf, W.E., Sar, M.: Androgen Target Cells in Spinal Cord, Spinal Ganglia, and Glycogen Body of Chick Embryos. Autoradiographic Localization **44** 243 (1981)
Reinhardt, W., Konda, N., MacLeod, N.K., Ellendorff, F.: Electrophysiology of Olfacto-limbic-hypothalamic Connections in the Pig **43** 1 (1981)
Reinhold, K., see Schubert, P., et al. **17** 539 (1973)
Reinking, R.M., Stephens, J.A., Stuart, D.G.: The Motor Units of Cat Medial Gastrocnemius: Problem of their Categorisation on the Basis of Mechanical Properties **23** 301 (1975)
Reinking, R.M., see Hamm, T.M., et al. **49** 68 (1983)
Reinking, R.M., see Stuart, D.G., et al. **14** 274 (1972)
Reinking, R.M., see Stuart, D.G., et al. **10** 477 (1970)
Reinking, R.M., see Stuart, D.G., et al. **10** 463 (1970)
Reinoso-Suárez, F., see Roda, J.M. **49** 131 (1983)
Reiter, Ch., see Zieglgänsberger, W. **20** 527 (1974)
Remmel, R.S., Pola, J., Skinner, R.D.: Pontomedullary Reticular Projections into the Region of the Ascending Medial Longitudinal Fasciculus in the Cat **32** 31 (1978)
Rentschler, I., Hilz, R.: Abnormal Orientation Selectivity in Both Eyes of Strabismic Amblyopes **37** 187 (1979)
Rentschler, I., Hilz, R., Sütterlin, C., Noguchi, K.: Illusions of Filled Lateral and Angular Extent. The Role of Cortical Feature Detectors **44** 154 (1981)
Rentschler, I., see Hilz, R., et al. **43** 111 (1981)
Rentschler, I., see Hilz, R., et al. **30** 445 (1977)
Réthelyi, M., Halász, B.: Origin of the Nerve Endings in the Surface Zone of the Median Eminence of the Rat Hypothalamus **11** 145 (1970)
Réthelyi, M.: Ultrastructural Synaptology of Clarke's Column **11** 159 (1970)
Réthelyi, M., Szabo, T.: Neurohistological Analysis of the Lateral Lobe in a Weakly Electric Fish, Gymnotus Carapo (Gymnotidae, Pisces) **18** 323 (1973)
Réthelyi, M., Szabo, T.: A Particular Nucleus in the Mesencephalon of a Weakly Electric Fish, Gymnotus Carapo, Gymnotidae. I. Light Microscopic Structure **17** 229 (1973)
Réthelyi, M., Szentágothai, J.: The Large

Synaptic Complexes of the Substantia Gelatinosa **7** 258 (1969)
Réthelyi, M., see Bodoky, M. **28** 543 (1977)
Réthelyi, M., see Köves, K. **25** 529 (1976)
Réthelyi, M., see Majorossy, K. **6** 306 (1968)
Reubi, J.C., see Čanžek, V. **38** 437 (1979/80)
Rey, J., see Gioanni, H., et al. **50** 248 (1983)
Rey, J., see Gioanni, H., et al. **44** 362 (1981)
Rey, J., see Gioanni, H., et al. **50** 237 (1983)
Rhee, V., see Olney, J.W., et al. **14** 61 (1972)
Rhoades, R.W.: Response Suppression Induced by Afferent Stimulation in the Superficial Deep Layers of the Hamster's Superior Colliculus **40** 185 (1980)
Ribak, C.E.: A Note on the Laminar Organization of Rat Visual Cortical Projections **27** 413 (1977)
Ribak, C.E., see Seress, L. **50** 173 (1983)
Ribaupierre, F. de, see Rouiller, E. **48** 323 (1982)
Ricciardi, L.M.: Analysis of Spike Trains in Terms of Delayed Coincidences **3** 1 (1967)
Richard, D., Ángyán, L., Buser, P.: Controlle, Par le Cortex Visuel, du Groupe Thalamique Lateral Posterieur chez le Chat **15** 386 (1972)
Richard, D., Gioanni, Y., Kitsikis, A., Buser, P.: A Study of Geniculate Unit Activity During Cryogenic Blockade of the Primary Visual Cortex in the Cat **22** 235 (1975)
Richard, D., see Buser, P., et al. **9** 83 (1969)
Richard, D., see Gioanni, H., et al. **50** 237 (1983)
Richards, W.: Stereopsis and Stereoblindness **10** 380 (1970)
Richards, W., see Pöppel, E. **21** 125 (1974)
Richmond, F.J.R., Courville, J., Saint-Cyr, J.A.: Spino-olivary Projections from the Upper Cervical Spinal Cord: An Experimental Study Using Autoradiography and Horseradish Peroxidase **47** 239 (1982)
Richter, A., see Precht, W., et al. **19** 377 (1974)
Richter, A., see Schwindt, P.C., et al. **20** 223 (1974)
Richter, D.W., Schlue, W.R., Mauritz, K.-H., Nacimiento, A.C.: Comparison of Membrane Properties of the Cell Body and the Initial Part of the Axon of Phasic Motoneurones in the Spinal Cord of the Cat **20** 193 (1974)
Ridley, R.M., Ettlinger, G.: Further Evidence of Impaired Tactile Learning after Removals of the Second Somatic Sensory Projection Cortex (SII) in the Monkey **31** 475 (1978)
Ridley, R.M., Hester, N.S., Ettlinger, G.: Stimulus- and Response-Dependent Units from the Occipital and Temporal Lobes of the Unanaesthetized Monkey Performing Learnt Visual Tasks **27** 539 (1977)
Ried, S., see Maioli, C., et al. **50** 259 (1983)
Rinne, U., see Frotscher, M., et al. **41** 329 (1980/81)
Rinne, U., see Hassler, R., et al. **31** 67 (1978)
Rinvik, E., Grofová, I.: Observations on the Fine Structure of the Substantia Nigra in the Cat **11** 229 (1970)
Rinvik, E.: The Corticothalamic Projection from the Gyrus Proreus and the Medial Wall of the Rostral Hemisphere in the Cat. An Experimental Study with Silver Impregnation Methods **5** 129 (1968)
Rinvik, E.: The Corticothalamic Projection from the Second Somatosensory Cortical Area in the Cat. An Experimental Study with Silver Impregnation Methods **5** 153 (1968)
Rinvik, E., see Grofová, I. **11** 249 (1970)
Rinvik, E., see Kotchabhakdi, N., et al. **40** 405 (1980)
Ripert, J.P., see Destombes, J. **28** 63 (1977)
Risberg, J., Ancri, D., Ingvar, D.H.: Correlation between Cerebral Blood Volume and Cerebral Blood Flow in the Cat **8** 321 (1969)
Risberg, J., Ingvar, D.H.: Regional Changes in Cerebral Blood Volume During Mental Activity **5** 72 (1968)
Risberg, J., see Ingvar, D.H. **3** 195 (1967)
Risling, M., see Cullheim, S. **45** 428 (1982)
Rispal-Padel, L., Cicirata, F., Pons, C.: Cerebellar Nuclear Topography of Simple and Synergistic Movements in the Alert Baboon *(Papio Papio)* **47** 365 (1982)
Rispal-Padel, L., Grangetto, A.: The Cerebello-Thalamo-Cortical Pathway. Topographical Investigation at the Unitary Level in the Cat **28** 101 (1977)
Rispal-Padel, L., Latreille, J.: The Organization of Projections from the Cerebellar Nuclei to the Contralateral Motor Cortex in the Cat **19** 36 (1974)
Rispal-Padel, L., Massion, J.: Relations between the Ventrolateral Nucleus and the Motor Cortex in the Cat **10** 331 (1970)
Riszk, A., see Deniau, J.M., et al. **32** 409 (1978)
Riva Sanseverino, E., see Battaglini, P.P., et al. **47** 28 (1982)
Rizzolatti, G., Buchtel, H.A., Camarda, R., Scandolara, C.: Neurons with Complex Visual Properties in the Superior Colliculus of the Macaque Monkey **38** 37 (1979/80)
Rizzolatti, G., Camarda, R.: Influence of the Presentation of Remote Visual Stimuli on Visual Responses of Cat Area 17 and Lateral Suprasylvian Area **29** 107 (1977)
Rizzolatti, G., see Camarda, R. **24** 423 (1975/76)
Rizzolatti, G., see Gentilucci, M., et al. **50** 464 (1983)
Roberge, A.G., Roy, J.-P., Boisvert, C.: Effect of Metergoline on Delayed Response in Cats and its Relation to the Metabolism of Dopamine and Serotonin in Neostriatal and Mesolimbic Neurons **32** 19 (1978)
Roberge, A.G., see Kitsikis, A., et al. **15** 305 (1972)
Robert, F., Cuénod, M.: Electrophysiology of the Intertectal Commissures in the Pigeon. II. Inhibitory Interaction **9** 123 (1969)
Robert, F., Cuénod, M.: Electrophysiology of the Intertectal Commissures in the Pigeon. I. Analysis of the Pathways **9** 116 (1969)
Roberts, P.J., see Rowlands, G.J. **39** 239 (1980)
Roberts, W.J., see Jankowska, E., et al. **21** 169 (1974)
Robertson, L.T., Grimm, R.J.: Responses of Primate Dentate Neurons to Different Trajectories of the Limb **23** 447 (1975)
Robertson, L.T., Laxer, K.D., Rushmer, D.S.: Organization of Climbing Fiber Input from Mechanoreceptors to Lobule V Vermal Cortex of the Cat **46** 281 (1982)
Robertson, R., see Lynch, G.S., et al. **17** 221 (1973)
Robiné, K.-P., see Grantyn, A., et al. **39** 49 (1980)
Robiné, K.-P., see Grantyn, A., et al. **37** 149 (1979)
Robinson, B.W., Mishkin, M.: Alimentary Responses to Forebrain Stimulation in Monkeys **4** 330 (1967/68)
Robinson, D.A.: Linear Addition of Optokinetic and Vestibular Signals in the Vestibular Nucleus **30** 447 (1977)
Robinson, D.L.: Electrophysiological Analysis of Interhemisperic Relations in the Second Somatosensory Cortex of the Cat **18** 131 (1973)
Robinson, J.H., see West, M.O., et al. **44** 287 (1981)
Robinson, J.P., see Lovick, T.A. **50** 299 (1983)
Robson, J.G., see Freeman, R.D. **48** 296 (1982)
Rocha-Miranda, C.E., see Ramôa, A.S., et al. **49** 373 (1983)
Rocha-Miranda, C.E., see Volchan, E., et al. **46** 263 (1982)
Roda, J.M., Reinoso-Suárez, F.: Topographical Organization of the Thalamic Projections to the Cortex of the Anterior Ectosylvian Sulcus in the Cat **49** 131 (1983)
Rodieck, R.W., Dreher, B.: Visual Suppression from Nondominant Eye in the Lateral Geniculate Nucleus: A Comparison of Cat and Monkey **35** 465 (1979)

Rodrigues, P.S., Martins-Ferreira, H.: Cholinergic Neurotransmission in Retinal Spreading Depression **38** 229 (1979/80)
Rodriguez, F., see Poulain, D.A., et al. **43** 107 (1981)
Rodriguez-Sierra, J.F., Blaustein, J.D., Blake, C.A., Clough, R.W., Elias, K.A.: A Decrease of Cytosol Estrogen Receptors in the Hypothalamus as a Result of Treatment of Neonatal Rats with Glutamate **48** 272 (1982)
Römer, H., Rahmann, H,: Effects of Exogenous Neuraminidase on Unit Activity in Frog Spinal Cord and Fish Optic Tectum **34** 49 (1978/1979)
Rogers, D.: Ultrastructural Identification of Degenerating Boutons of Monosynaptic Pathways to the Lumbosacral Segments in the Cat after Spinal Hemisection **14** 293 (1972)
Rogers, K.J., see Angel, A., et al. **7** 250 (1969)
Roizen, M.F., Kopin, I.J., Palkovits, M., Brownstein, M., Kizer, J.S., Jacobowitz, D.M.: The Effect of Two Diverse Inhalation Anaesthetic Agents on Serotonin in Discrete Regions of the Rat Brain **24** 203 (1975/76)
Rojik, I., Fehér, O.: Correlations Between Glycine Incorporation and Cerebral Cortical Activity **39** 321 (1980)
Roll, J.P., Vedel, J.P.: Kinaesthetic Role of Muscle Afferents in Man, Studied by Tendon Vibration and Microneurography **47** 177 (1982)
Rolls, E.T., Cowey, A.: Topography of the Retina and Striate Cortex and its Relationship to Visual Acuity in Rhesus Monkeys and Squirrel Monkeys **10** 298 (1970)
Rolls, E.T., see Cooper, S.J. **20** 207 (1974)
Rolls, E.T., see Cowey, A. **21** 447 (1974)
Rolls, E.T., see Perrett, D.I., et al. **47** 329 (1982)
Rolls, E.T., see Thorpe, S.J., et al. **49** 93 (1983)
Romahn, G., Boerger, G.: Influence of a Low-Frequency Tone on the Sensitivity of Primary Auditory Neurons: Two Fiber Populations **32** 423 (1978)
Roman, C., Car, A.: Déglutitions et Contractions Oesophagiennes Réflexes Obtenues par la Stimulation des Nerfs Vague et Laryngé Supérieur – *Deglutitions and Oesophageal Reflex Contractions Produced by Stimulation of the Vagal and Superior Laryngeal Nerve* **11** 48 (1970)
Roman, C., see Car, A. **11** 74 (1970)
Roman, C., see Car, A., et al. **22** 197 (1975)
Roman, C., see Jean, A., et al. **22** 211 (1975)
Roman, D., see Hunsperger, R.W. **25** 231 (1976)
Roman, H., see Hernández, A.G., et al. **33** 325 (1978)
Romand, R., Dauzat, M.: Modification of Spontaneous Activity in Primary Vestibular Neurons During Development in the Cat **45** 265 (1982)
Romani, G.L., Williamson, S.J., Kaufman, L., Brenner, D.: Characterization of the Human Auditory Cortex by the Neuromagnetic Method **47** 381 (1982)
Rønnekleiv, O.K., Kelly, M.J., Wuttke, W.: Single Unit Recordings in the Pineal Gland: Evidence for Habenulo-pineal Neural Connections **39** 187 (1980)
Rønnekleiv, O.K., Møller, M.: Brain-pineal Nervous Connections in the Rat: An Ultrastructure Study Following Habenular Lesion **37** 551 (1979)
Rønnekleiv, O.K., see Kelly, M.J., et al. **48** 97 (1982)
Roossin, P.S., see Miller, A.D., et al. **48** 107 (1982)
Roots, B.I., see Bondar, R.L. **30** 577 (1977)
Ropert, N., see Steriade, M., et al. **46** 37 (1982)
Rose, D.: On the Arithmetical Operation Performed by Inhibitory Synapses onto the Neuronal Soma **28** 221 (1977)
Rose, D., Blakemore, C.: An Analysis of Orientation Selectivity in the Cat's Visual Cortex **20** 1 (1974)
Rose, D.: An Analysis of the Variability of Unit Activity in the Cat's Visual Cortex **37** 595 (1979)
Rose, D., Horn, G.: Effects of LSD on the Responses of Single Units in Cat Visual Cortex **27** 71 (1977)
Rosén, I., Asanuma, H.: Peripheral Afferent Inputs to the Forelimb Area of the Monkey Motor Cortex: Input-Output Relations **14** 257 (1972)
Rosén, I., Asanuma, H.: Natural Stimulation of Group I Activated Cells in the Cerebral Cortex of the Awake Cat **16** 247 (1972/73)
Rosén, I., Scheid, P.: Responses to the Spino-Reticulo-Cerebellar Pathway to Stimulation of Cutaneous Mechanoreceptors **18** 268 (1973)
Rosén, I., Scheid, P.: Responses to Nerve Stimulation in the Bilateral Ventral Flexor Reflex Tract (bVFRR) of the Cat **18** 256 (1973)
Rosén, I., Scheid, P.: Patterns of Afferent Input to the Lateral Reticular Nucleus of the Cat **18** 242 (1973)
Rosén, I., Sjölund, B.: Organization of Group I Activated Cells in Main and External Cuneate Nuclei of the Cat: Identification of Muscle Receptors **16** 221 (1972/73)
Rosén, I., Sjölund, B.: Organization of Group I Activated Cells in Main and External Cuneate Nuclei of the Cat: Convergence Patterns Demonstrated by Natural Stimulation **16** 238 (1972/73)
Rosén, I., see Asanuma, H. **14** 243 (1972)
Rosén, I., see Asanuma, H. **16** 507 (1972/73)
Rosén, I., see Oscarsson, O. **1** 320 (1966)
Rosén, I., see Clendenin, M., et al. **21** 501 (1974)
Rosén, I., see Clendenin, M., et al. **21** 473 (1974)
Rosén, I., see Clendenin, M., et al. **21** 487 (1974)
Rosén, I., see Grant, G., et al. **1** 306 (1966)
Rosene, D.L., see Swadlow, H.A., et al. **32** 439 (1978)
Rosene, D.L., see Swadlow, H.A., et al. **33** 455 (1978)
Rosenquist, T.H., see Mattio, T.G., et al. **41** 411 (1980/81)
Rosina, A., see Marini, G., et al. **24** 311 (1975/76)
Ross, H.-G., see Ganguly, D.K., et al. **25** 35 (1976)
Ross, H.-G., see Kennedy, P.R., et al. **47** 95 (1982)
Rossignol, S., see Grillner, S., et al. **30** 1 (1977)
Rossini, P., see Bentivoglio, M., et al. **31** 489 (1978)
Rosvold, H.E., see Bowden, D.M., et al. **12** 265 (1971)
Rosvold, H.E., see Brown, J.L., et al. **8** 113 (1969)
Rosvold, H.E., see Brown, J.L., et al. **8** 130 (1969)
Roth, G., Jordan, M.: Response Characteristics and Stratification of Tectal Neurons in the Toad *Bufo Bufo* (L.) **45** 393 (1982)
Roth, G.: Responses in the Optic Tectum of the Salamander *Hydromantes Italicus* to Moving Prey Stimuli **45** 386 (1982)
Roucoux, A., Guitton, D., Crommelinck, M.: Stimulation of the Superior Colliculus in the Alert Cat: II. Eye and Head Movements when the Head is Unrestrained **39** 75 (1980)
Roucoux, A., see Guitton, D., et al. **39** 63 (1980)
Roucoux, A., see Vidal, P.P., et al. **46** 448 (1982)
Roucoux-Hanus, M., Boisacq-Schepens, N.: Ascending Vestibular Projections: Further Results at Cortical and Thalamic Levels **29** 283 (1977)
Rougeul, A., Le Yaouanc, A., Buser, P.: Activités neuroniques spontanées dans le tractus pyramidal et certaines structures sous-corticales au cours du sommeil naturel chez le chat libre **2** 129 (1966)
Rouiller, E., Ribaupierre, F. de: Neurons Sensitive to Narrow Ranges of Receptive Acoustic Transients in the Medial Geniculate Body of the Cat **48** 323 (1982)
Rouvière, A., see Destombes, J. **43** 253 (1981)
Rouvière, A., see Destombes, J., et al. **35** 249 (1979)
Rovamo, J., Virsu, V.: An Estimation and

Application of the Human Cortical Magnification Factor **37** 495 (1979)
Rovamo, J., see Virsu, V. **37** 475 (1979)
Rovira, C., Ben-Ari, Y., Cherubini, E.: Dual Cholinergic Modulation of Hippocampal Somatic and Dendritic Field Potentials by the Septo-Hippocampal Pathway **49** 151 (1983)
Rowe, M.H., Stone, J.: Conduction Velocity Groupings among Axons of Cat Retinal Ganglion Cells, and their Relationship to Retinal Topography **25** 339 (1976)
Rowe, M.J., see Ishikawa, K., et al. **16** 104 (1972/73)
Rowe, M.J., see Ishikawa, K., et al. **15** 177 (1972)
Rowe, M.J., see Leicht, R., et al. **27** 459 (1977)
Rowlands, G.J., Roberts, P.J.: Specific Calcium-dependent Release of Endogenous Glutamate from Rat Striatum is Reduced by Destruction of the Corticostriatal Tract **39** 239 (1980)
Roy, J.C., see Delerm, B., et al. **46** 209 (1982)
Roy, J.-P., see Roberge, A.G., et al. **32** 19 (1978)
Royce, G.J.: Cortical Neurons with Collateral Projections to Both the Caudate Nucleus and the Centromedian-Parafasciclar Thalamic Complex: A Fluorescent Retrograde Double Labeling Study in the Cat **50** 157 (1983)
Rua, S., see Picard, D., et al. **14** 331 (1972)
Rubia, F.J., Kolb, F.P.: Responses of Cerebellar Units to A Passive Movement in the Decerebrate Cat **31** 387 (1978)
Rubia, F.J., Tandler, R.: Spatial Distribution of Afferent Information to the Anterior Lobe of the Cat's Cerebellum **42** 249 (1981)
Rubia, F.J., see Kolb, F.P. **38** 363 (1979/80)
Rubia, F.J., see Gordon, M., et al. **17** 50 (1973)
Rubin, A.M., see Ödkvist, L.M., et al. **18** 279 (1973)
Rudomin, P.: Excitability Changes of Superior Laryngeal, Vagal and Depressor Afferent Terminals Produced by Stimulation of the Solitary Tract Nucleus **6** 156 (1968)
Rudomin, P., see Galindo, J. **32** 135 (1978)
Rüegg, D.G., Chofflon, M.: Peripheral and Transcortical Loops Activated by Electrical Stimulation of the Tibial Nerve in the Monkey **50** 293 (1983)
Ruffieux, A., see Schultz, W., et al. **43** 413 (1981)
Ruiz, J.A., see Kocsis, J.D., et al. **47** 151 (1982)
Ruiz-Marcos, A., Valverde, F.: The Temporal Evolution of the Distribution of Dendritic Spines in the Visual Cortex of Normal and Dark Raised Mice **8** 284 (1969)
Ruiz-Marcos, A., see Valverde, F. **8** 269 (1969)
Rumigny, J.F., see Louis, J.C., et al. **42** 63 (1981)
Rush, C., see Blake, R. **38** 333 (1979/80)
Rushmer, D.S., Russell, C.J., Macpherson, J., Phillips, J.O., Dunbar, D.C.: Automatic Postural Responses in the Cat: Responses to Headward and Tailward Translation **50** 45 (1983)
Rushmer, D.S., see Robertson, L.T., et al. **46** 281 (1982)
Russel, I.S., see Mohn, G. **42** 467 (1981)
Russell, C.J., see Bell, C.C., et al. **42** 9 (1981)
Russell, C.J., see Finger, T.E., et al. **42** 23 (1981)
Russell, C.J., see Rushmer, D.S., et al. **50** 45 (1983)
Rustioni, A., Hayes, N.L.: Corticospinal Tract Collaterals to the Dorsal Column Nuclei of Cats. An Anatomical Single and Double Retrograde Tracer Study **43** 237 (1981)
Rustioni, A., Kaufmann, A.B.: Identification of Cells of Origin of Non-Primary Afferents to the Dorsal Column Nuclei of the Cat **27** 1 (1977)
Rustioni, A., Molenaar, I.: Dorsal Column Nuclei Afferents in the Lateral Funiculus of the Cat: Distribution Pattern and Absence of Sprouting After Chronic Deafferentation **23** 1 (1975)
Rustioni, A., see Hayes, N.L. **41** 89 (1980/81)
Rustioni, A., see Weisberg, J.A. **28** 521 (1977)
Ryall, R.W., see Curtis, D.R. **2** 81 (1966)
Ryall, R.W., see Curtis, D.R. **2** 66 (1966)
Ryall, R.W., see Curtis, D.R. **2** 49 (1966)
Ryall, R.W., see Curtis, D.R. **1** 195 (1966)
Ryall, R.W., see Groat, W.C. De **3** 299 (1967)
Ryall, R.W., see Curtis, D.R., et al. **2** 97 (1966)
Ryan, A., Miller, J.: Single Responses in the Inferior Colliculus of the Awake and Performing Rhesus Monkey **32** 389 (1978)
Ryan, A.F., Woolf, N.K., Sharp, F.R.: Functional Ontogeny in the Central Auditory Pathway of the Mongolian Gerbil. A 2-Deoxyglucose Study **47** 428 (1982)
Rymer, W.Z., Hasan, Z.: Prolonged Time Course for Vibratory Suppression of Stretch Reflex in the Decerebrate Cat **44** 101 (1981)
Rymer, W.Z., Houk, J.C., Crago, P.E.: Mechanisms of the Clasp-knife Reflex Studied in an Animal Model **37** 93 (1979)

S

Sabah, N.H., see Eccles, J.C., et al. **13** 36 (1971)
Sabah, N.H., see Eccles, J.C., et al. **13** 15 (1971)
Sabah, N.H., see Eccles, J.C., et al. **13** 54 (1971)
Sabah, N.H., see Eccles, J.C., et al. **19** 100 (1974)
Sabah, N.H., see Eccles, J.C., et al. **15** 484 (1972)
Sabah, N.H., see Eccles, J.C., et al. **15** 498 (1972)
Sabah, N.H., see Eccles, J.C., et al. **15** 261 (1972)
Sabah, N.H., see Eccles, J.C., et al. **15** 245 (1972)
Sabah, N.H., see Eccles, J.C., et al. **19** 61 (1974)
Sabah, N.H., see Eccles, J.C., et al. **19** 78 (1974)
Saidel, W.M., Popper, A.N.: The Saccule May Be the Transducer for Directional Hearing of Nonostariophysine Teleosts **50** 149 (1983)
Saini, K.D., Garey, L.J.: Morphology of Neurons in the Lateral Geniculate Nucleus of the Monkey. A Golgi Study **42** 235 (1981)
Saini, K.D., see Garey, L.J. **44** 117 (1981)
Saint-Cyr, J.A., Courville, J.: Descending Projections to the Inferior Olive from the Mesencephalon and Superior Colliculus in the Cat. An Autoradiographic Study **45** 333 (1982)
Saint-Cyr, J.A., Woodward, D.J.: A Topographic Analysis of Limbic and Somatic Inputs to the Cerebellar Cortex in the Rat **40** 13 (1980)
Saint-Cyr, J.A., Woodward, D.J.: Activation of Mossy and Climbing Fiber Pathways to the Cerebellar Cortex by Stimulation of the Fornix in the Rat **40** 1 (1980)
Saint-Cyr, J.A., see Richmond, F.J.R., et al. **47** 239 (1982)
Saito, Y., see Sasaki, H., et al. **13** 273 (1971)
Saitoh, Y., see Shiosaka, S., et al. **39** 377 (1980)
Sakai, K., Vanni-Mercier, G., Jouvet, M.: Evidence for the Presence of PS-OFF Neurons in the Ventromedial Medulla Oblongata of Freely Moving Cats **49** 311 (1983)
Sakai, K.K., Ary, T.E., Hymson, D.L., Shapiro, R.: Effect of Cudding on the Body Temperature and Cyclic Nucleotides in CSF of the Cat **34** 379 (1978/1979)
Sakai, M., Hamada, I.: Intracellular Activity and Morphology of the Prefrontal Neurons Related to Visual Attention Task in Behaving Monkeys **41** 195 (1980/81)
Sakai, M., see Sasaki, K., et al. **24** 495 (1975/76)
Sakai, Y., see Iwata, N., et al. **13** 519 (1971)
Sakakura, H., see Bartlett, J.R., et al. **25** 487 (1976)
Sakuma, Y., Pfaff, D.W.: Properties of Ventromedial Hypothalamic Neurons

with Axons to Midbrain Central Gray **46** 292 (1982)
Sakumoto, T., Tohyama, M., Satoh, K., Kimoto, Y., Kinugasa, T., Tanizawa, O., Kurachi, K., Shimizu, N.: Afferent Fiber Connections from Lower Brain Stem to Hypothalamus Studied by the Horseradish Peroxidase Method with Special Reference to Noradrenaline Innervation **31** 81 (1978)
Sakumoto, T., see Satoh, K., et al. **30** 175 (1977)
Sakumoto, T., see Shiosaka, S., et al. **39** 377 (1980)
Salinger, W.L., see Garraghty, P.E., et al. **47** 301 (1982)
Salt, A.N., Stopp, P.E.: The Effect of Raising the Scala Tympani Potassium Concentration on the Tone-induced Cochlear Responses of the Guinea Pig **36** 87 (1979)
Salt, A.N., Stopp, P.E.: Salt and Stopp's Comment to Johnstone and Johnstone's Note **40** 113 (1980)
Salt, A.N., see Konishi, T. **40** 457 (1980)
Salvi, R.J., Hamernik, R.P., Henderson, D.: Discharge Patterns in the Cochlear Nucleus of the Chinchilla Following Noise Induced Asymptotic Threshold Shift **32** 301 (1978)
Salzen, E.A., Parker, D.M., Williamson, A.J.: Forebrain Lesions and Retention of Imprinting in Domestic Chicks **31** 107 (1978)
Salzen, E.A., Parker, D.M., Williamson, A.J.: A Forebrain Lesion Preventing Imprinting in Domestic Chicks **24** 145 (1975/76)
Samejima, A., see Kawaguchi, S., et al. **35** 511 (1979)
Samejima, A., see Kawaguchi, S., et al. **36** 21 (1979)
Samson, A., see Lepore, F., et al. **50** 392 (1983)
Sandell, J.H., see Schiller, P.H. **49** 381 (1983)
Sanderson, K.J., Bishop, P.O., Darian-Smith, I.: The Properties of the Binocular Receptive Fields of Lateral Geniculate Neurons **13** 178 (1971)
Sanderson, K.J.: Visual Field Projection Columns and Magnification Factors in the Lateral Geniculate Nucleus of the Cat **13** 159 (1971)
Sanides , D., see Aebersold, H., et al. **42** 127 (1981)
Sanides, D., Albus, K.: The Distribution of Interhemispheric Projections in Area 18 of the Cat: Coincidence with Discontinuities of the Representation of the Visual Field in the Second Visual Area (V2) **38** 237 (1979/80)
Sanides, D., Buchholtz, C.S.: Identification of the Projections from the Visual Cortex to the Claustrum by Anterograde Axonal Transport in the Cat **34** 197 (1978/1979)
Sanides, D.: The Retinotopic Distribution of Visual Callosal Projections in the Suprasylvian Visual Areas Compared to the Classical Visual Areas (17,18,19) in the Cat **33** 435 (1978)
Sanides, D., see Holländer, H. **26** 329 (1976)
Sanides, D., see Ito, M., et al. **28** 21 (1977)
Sans, A., Dechesne, C.: Physiological Responses of Cat Vestibular Nerve to a Selective Mechanical Stimulation of the Lateral Crista Ampullaris **40** 358 (1980)
Sans, A., Raymond, J., Marty, R.: Réponses thalamiques et corticales à la stimulation électrique du nerf vestibulaire chez le Chat – *Thalamic and Cortical Responses to Electric Stimulation of the Vestibular Nerve in the Cat* **10** 265 (1970)
Sans, A., see Raymond, J., et al. **20** 273 (1974)
Santangelo, F., see Perciavalle, V., et al. **33** 241 (1978)
Santis, A. de, see Kemali, M. **40** 119 (1980)
Saphier, D.J., Dyer, R.G.: Bursting Activity in Tuberoinfundibular Neurones During Electrical Stimulation of the Rostral Hypothalamus **39** 113 (1980)
Sapienza, S., Talbi, B., Jacquemin, J., Albe-Fessard, D.: Relationship Between Input and Output of Cells in Motor and Somatosensory Cortices of the Chronic Awake Rat. A Study Using Glass Micropipettes **43** 47 (1981)
Sapienza, S., see Giuffrida, R., et al. **39** 261 (1980)
Sapienza, S., see Perciavalle, V., et al. **33** 241 (1978)
Sar, M., see Reid, F.A., et al. **44** 243 (1981)
Sarkander, H.-I., Dulce, H.-J.: Studies of the Regulation of the RNA Synthesis in Neuronal and Glial Nuclei Isolated from Rat Brain **31** 317 (1978)
Sarkander, H.-I., Dulce, H.-J.: Characteristics of Transcriptionally Active and Inactive Neuronal and Nonastrocytic Glial Rat Brain Chromatin Fractions **35** 109 (1979)
Sarkander, H.-J., see Knoll-Köhler, E., et al. **38** 173 (1979/80)
Sarkisian, J.S., see Gambarian, L.S., et al. **15** 15 (1972)
Sarkisian, J.S., see Gambarian, L.S., et al. **12** 92 (1971)
Sarlieve, L.L., Neskovic, N.M., Rebel, G., Mandel, P.: PAPS-Cerebroside Sulphotransferase Activity in Developing Brain of a Neurological Mutant of Mouse (MSD) **19** 158 (1974)
Sarne, Y., see Carmon, A., et al. **33** 445 (1978)
Sarvey, J.M., see Misgeld, U., et al. **37** 217 (1979)
Sasaki, H., Bear, D.M., Ervin, F.R.: Quantitative Characterization of Unit Response in the Visual System **13** 239 (1971)
Sasaki, H., Saito, Y., Bear, D.M., Ervin, F.R.: Quantitative Variation in Striate Receptive Fields of Cats as a Function of Light and Dark Adaptation **13** 273 (1971)
Sasaki, H., see Bear, D.M., et al. **13** 256 (1971)
Sasaki, K., Gemba, H., Mizuno, N.: Cortical Field Potentials Preceding Visually Initiated Hand Movements and Cerebellar Actions in the Monkey **46** 29 (1982)
Sasaki, K., Gemba, H.: Development and Change of Cortical Field Potentials During Learning Processes of Visually Initiated Hand Movements in the Monkey **48** 429 (1982)
Sasaki, K., Jinnai, K., Gemba, H., Hashimoto, S., Mizuno, N.: Projection of the Cerebellar Dentate Nucleus onto the Frontal Association Cortex in Monkeys **37** 193 (1979)
Sasaki, K., Kawaguchi, S., Matsuda, Y., Mizuno, N.: Electrophysiological Studies on Cerebello-Cerebral Projections in the Cat **16** 75 (1972/73)
Sasaki, K., Kawaguchi, S., Oka, H., Sakai, M., Mizuno, N.: Electrophysiological Studies on the Cerebellocerebral Projections in Monkeys **24** 495 (1975/76)
Sasaki, K., Matsuda, Y., Kawaguchi, S., Mizuno, N.: On the Cerebello-Thalamo-Cerebral Pathway for the Parietal Cortex **16** 89 (1972/73)
Sasaki, K., Matsuda, Y., Oka, H., Mizuno, N.: Thalamo-Cortical Projections for Recruiting Responses and Spindling-like Responses in the Parietal Cortex **22** 87 (1975)
Sasaki, K., Oka, H., Kawaguchi, S., Jinnai, K., Yasuda, T.: Mossy Fibre and Climbing Fibre Responses Produced in the Cerebellar Cortex by Stimulation of the Cerebellar Cortex in Monkeys **29** 419 (1977)
Sasaki, K., Oka, H., Matsuda, Y., Shimono, T., Mizuno, N.: Electrophysiological Studies of the Projections from the Parietal Association Area to the Cerebellar Cortex **23** 91 (1975)
Sasaki, K., Shimono, T., Oka, H., Yamamoto, T., Matsuda, Y.: Effects of Stimulation of the Midbrain Reticular Formation upon Thalamo-Cortical Neurones Responsible for Cortical Recruiting Responses **26** 261 (1976)
Sasaki, K., Strata, P.: Responses Evoked in the Cerebellar Cortex by Stimulating Mossy Fibre Pathways to the Cerebellum **3** 95 (1967)
Sasaki, K., see Dieckmann, G. **10** 236 (1970)
Sasaki, K., see Eccles, J.C., et al. **1** 161 (1966)
Sasaki, K., see Eccles, J.C., et al. **1** 82 (1966)
Sasaki, K., see Eccles, J.C., et al. **1** 17 (1966)
Sasaki, K., see Eccles, J.C., et al. **1** 1 (1966)

Sasaki, K., see Eccles, J.C., et al. **3** 58 (1967)
Sasaki, K., see Eccles, J.C., et al. **3** 81 (1967)
Sasaki, K., see Eccles, J.C., et al. **2** 18 (1966)
Sasaki, K., see Gemba, H., et al. **42** 435 (1981)
Sasaki, S., see Nakao, S. **39** 23 (1980)
Sasaki, S., see Nakao, S., et al. **45** 371 (1982)
Sato, M., Itoh, K., Mizuno, N.: Distribution of Thalamo-caudate Neurons in the Cat as Demonstrated by Horseradish Peroxidase **34** 143 (1978/1979)
Sato, M., see Hongo, T., et al. **3** 135 (1967)
Sato, N., see Ito, M., et al. **12** 223 (1971)
Sato, N., see Ito, M., et al. **6** 247 (1968)
Sato, N., see Obata, K., et al. **4** 43 (1967/68)
Sato, T., Kawamura, T., Iwai, E.: Responsiveness of Inferotemporal Single Units to Visual Pattern Stimuli in Monkeys Performing Discrimination **38** 313 (1979/80)
Sato, T., Yamamoto, M., Nakahama, H.: Variability of Inter-Spike Intervals of Cat's On-Center Optic Tract Fibres Activated by Steady Light Spot: A Comparative Study on X- and Y-fibres **24** 285 (1975/76)
Sato, T., Yamamoto, M., Nakahama, H.: Influence of Synchronized Sleep upon Spontaneous and Induced Discharges of Single Units in Visual System **16** 533 (1972/73)
Satoh, K., Tohyama, M., Yamamoto, K., Sakumoto, T., Shimizu, N.: Noradrenaline Innervation of the Spinal Cord Studied by the Horseradish Peroxidase Method Combined with Monoamine Oxidase Staining **30** 175 (1977)
Satoh, K., see Sakumoto, T., et al. **31** 81 (1978)
Satoh, K., see Shimizu, N., et al. **37** 139 (1979)
Satoh, K., see Tada, K., et al. **35** 287 (1979)
Savidis, Th., see Thoden, U., et al. **30** 155 (1977)
Sawada, S., Yamamoto, C.: Postsynaptic Inhibitory Actions of Catecholamines and Opioid Peptides in the Bed Nucleus of the Stria Terminalis **41** 264 (1980/81)
Sawaki, Y.: Suprachiasmatic Nucleus Neurones: Excitation and Inhibition Mediated by the Direct Retino-hypothalamic Projection in Female Rats **37** 127 (1979)
Sawaki, Y., see Kannan, H., et al. **42** 362 (1981)
Sawyer, B.D., see Clemens, J.A. **21** 399 (1974)
Sayavedra, M.S.: Incorporation of ^{14}C-Leucine into Acid-Insoluble Material and $tRNA^{leu}$ from Light Stimulated Rat Brain **27** 451 (1977)
Scandolara, C., see Gentilucci, M., et al. **50** 464 (1983)
Scandolara, C., see Rizzolatti, G., et al. **38** 37 (1979/80)
Scarnati, E., Pacitti, C.: Neuronal Responses to Iontophoretically Applied Dopamine, Glutamate, and GABA of Identified Dopaminergic Cells in the Rat Substantia Nigra After Kainic Acid-induced Destruction of the Striatum **46** 377 (1982)
Schaefer, H., see Holm, E. **8** 79 (1969)
Schaefer, K.-P., see Meyer, D.L., et al. **18** 505 (1973)
Schaefer, K.-P., see Meyer, D.L., et al. **14** 118 (1972)
Schäfer, S., see Schäfer, S.S. **17** 381 (1973)
Schäfer, S., see Schäfer, S.S. **17** 364 (1973)
Schäfer, S.-S., Henatsch, H.-D.: Dehnungsantworten der primären Muskelspindel-Afferenz bei elektrischer Reizung und natürlicher Innervation der beiden Fusimotorischen Fasertypen **4** 275 (1967/68)
Schäfer, S.S., Schäfer, S.: The Behavior of the Proprioceptors of the Muscle and the Innervation of the Fusimotor System During Cold Shivering **17** 364 (1973)
Schäfer, S.S., Schäfer, S.: The Role of the Primary Afference in the Generation of a Cold Shivering Tremor **17** 381 (1973)
Schaumberg, R., see Kuhnt, U., et al. **35** 371 (1979)
Schaumberg, R., see Schwestka, R., et al. **43** 34 (1981)
Scheff, S., see Finger, S., et al. **10** 340 (1970)
Scheich, H., Bonke, B.A.: Tone-Versus FM-Induced Patterns of Excitation and Suppression in the 14-C-2-Deoxyglucose Labeled Auditory „Cortex" of Guinea Fowl **44** 445 (1981)
Scheich, H., Gottschalk, B., Nickel, B.: The Jamming Avoidance Response in Rhamphichthys rostratus: An Alternative Principle of Time Domain Analysis in Electric Fish **28** 229 (1977)
Scheich, H., see Langner, G., et al. **43** 11 (1981)
Scheid, P., see Rosén, I. **18** 242 (1973)
Scheid, P., see Rosén, I. **18** 268 (1973)
Scheid, P., see Rosén, I. **18** 256 (1973)
Scheid, P., see Deecke, L., et al. **7** 158 (1969)
Scheid, P., see Fredrickson, J.M., et al. **2** 318 (1966)
Schenker, S., see McCandless, D.W. **44** 325 (1981)
Schick, F., see Straschill, M. **27** 131 (1977)
Schick, F., see Straschill, M. **19** 467 (1974)
Schiemann, B., Schomburg, E.D.: The Inhibitory Action of Type J Pulmonary Receptor Afferents Upon the Central Motor and Fusimotor Activity and Responsiveness in Cats **15** 234 (1972)
Schierwagen, A., see Grantyn, R., et al. **50** 377 (1983)
Schild, R.F., see Armstrong, D.M., et al. **18** 1 (1973)
Schild, R.F., see Armstrong, D.M., et al. **18** 40 (1973)
Schild, R.F., see Armstrong, D.M., et al. **18** 19 (1973)
Schilder, P., Pasik, P., Pasik, T.: Extrageniculostriate Vision in the Monkey III. Circle VS Triangle and „Red VS Green" Disrimination **14** 436 (1972)
Schiller, P.H.: The Discharge Characteristics of Single Units in the Oculomotor and Abducens Nuclei of the Unanesthetized Monkey **10** 347 (1970)
Schiller, P.H., Sandell, J.H.: Interactions Between Visually and Electrically Elicited Saccades Before and After Superior Colliculus and Frontal Eye Field Ablations in the Rhesus Monkey **49** 381 (1983)
Schiller, P.H., see Bizzi, E. **10** 151 (1970)
Schiller, P.H., see Koerner, F. **14** 318 (1972)
Schiller, P.H., see Stryker, M.P. **23** 103 (1975)
Schingnitz, G.: Neuronal Responses in the Rat's Thalamus to Scrotal Heating. Effects of Application of a Local Anesthetic to the Stimulation Site **43** 419 (1981)
Schlag, J., Schlag-Rey, M., Peck, C.K., Joseph, J.-P.: Visual Responses of Thalamic Neurons Depending on the Direction of Gaze and the Position of Targets in Space **40** 170 (1980)
Schlag, J., Schlag-Rey, M.: Thalamic Units Firing Upon Refixation May Be Responsible for Plasticity in Visual Cortex **50** 146 (1983)
Schlag-Rey, M., see Schlag, J. **50** 146 (1983)
Schlag-Rey, M., see Schlag, J., et al. **40** 170 (1980)
Schlegel, P.A.: Electroreceptive Single Units in the Mesencephalic Magnocellular Nucleus of the Weakly Electric Fish Gymnotus Carapo **29** 201 (1977)
Schlegel, P.A.: Activities of Rhombencephalic Units in Mormyrid Fish **19** 300 (1974)
Schlegel, P.A.: Perception of Objects in Weakly Electric Fish Gymnotus carapo as Studied in Recordings from Rhombencephalic Neurons **18** 340 (1973)
Schlichter, D.J., McClure, W.O.: Dynamics of Axoplasmic Transport in the Optic System of the Rat **21** 83 (1974)
Schlue, W.R., see Richter, D.W., et al. **20** 193 (1974)
Schmatolla, E., Fischer, H.A.: Axonal Transport in Embryonic Visual System in Zebrafish **15** 168 (1972)
Schmid, R., Zimmermann, H.: Preferential Calcium Staining of Mitochondria in Stimulated Cholinergic Nerve Endings **38** 419 (1979/80)
Schmid, R., Zimmermann, H.: Mitochond-

rial Release of Ca^{2+} During Sustained Nerve Activity in the Electric Organ of Torpedo Marmorata **38** 405 (1979/80)
Schmid, R., see Buizza, A., et al. **36** 509 (1979)
Schmid, R., see Buizza, A., et al. **39** 165 (1980)
Schmid, R., see Clément, G., et al. **42** 34 (1981)
Schmid, R., see Zambarbieri, D., et al. **47** 417 (1982)
Schmidt, C.L., Wist, E.R., Dichgans, J.: Efferent Frequency Modulation in the Vestibular Nerve of Goldfish Correlated with Saccadic Eye Movements **15** 1 (1972)
Schmidt, C.L., see Allum, J.H.J., et al. **26** 463 (1976)
Schmidt, C.L., see Dichgans, J., et al. **18** 319 (1973)
Schmidt, J., see Benecke, R., et al. **23** 13 (1975)
Schmidt, J., see Benecke, R., et al. **27** 271 (1977)
Schmidt, J.T., Easter, S.S., Jr.: Independent Biaxial Reorganization of the Retinotectal Projection: A Reassessment **31** 155 (1978)
Schmidt, R., see Courjon, J.H., et al. **28** 235 (1977)
Schmidt, R.F., Senges, J., Zimmermann, M.: Excitability Measurements at the Central Terminals of Single Mechano-Receptor Afferents During Slow Potential Changes **3** 220 (1967)
Schmidt, R.F., Senges, J., Zimmermann, M.: Presynaptic Depolarization of Cutaneous Mechanoreceptor Afferents after Mechanical Skin Stimulation **3** 234 (1967)
Schmidt, R.F., see Leicht, R. **27** 479 (1977)
Schmidt, R.F., see Eccles, J.C., et al. **15** 484 (1972)
Schmidt, R.F., see Eccles, J.C., et al. **15** 498 (1972)
Schmidt, R.F., see Eccles, J.C., et al. **15** 261 (1972)
Schmidt, R.F., see Eccles, J.C., et al. **15** 245 (1972)
Schmidt, R.F., see Hiss, E., et al. **27** 319 (1977)
Schmidt, R.F., see Jänig, W., et al. **6** 116 (1968)
Schmidt, R.F., see Jänig, W., et al. **6** 100 (1968)
Schmidt, R.F., see Kniffki, K.-D., et al. **31** 511 (1978)
Schmidt, R.F., see Leicht, R., et al. **27** 459 (1977)
Schmidt, R.S.: Catecholaminergic Neurons of Treefrog Isthmotrigeminal Tegmentum **39** 235 (1980)
Schmidt, R.S.: Pretrigeminal Nucleus of Leopard Frog Concentrates 2-Deoxy-D-glucose During Release Calling **42** 212 (1981)
Schmidt, R.S.: Sexual Dimorphism in Succinic Dehydrogenase Staining of Toad Pretrigeminal Nucleus **45** 447 (1982)
Schmied, A., Bénita, M., Condé, H., Dormont, J.F.: Activity of Ventrolateral Thalamic Neurons in Relation to a Simple Reaction Time Task in the Cat **36** 285 (1979)
Schmied, A., see Bénita, M., et al. **34** 435 (1978/1979)
Schmied, A., see Dormont, J.F., et al. **48** 315 (1982)
Schmielau, F., see Singer, W. **25** 221 (1976)
Schneider, G.E., see Udin, S.B. **43** 261 (1981)
Schneider, J.S., Morse, J.R., Lidsky, T.I.: Somatosensory Properties of Globus Pallidus Neurons in Awake Cats **46** 311 (1982)
Schober, W., see Bigl, V. **27** 211 (1977)
Schober, W., see Brauer, K. **45** 84 (1982)
Schober, W., see Brauer, K., et al. **36** 523 (1979)
Schomburg, E.D.: Supraspinal Interactions of Anesthetic, Neuroleptic and Analeptic Drugs on the Fusimotor Effects of Pinna Stimulation in the Cat **10** 182 (1970)
Schomburg, E.D., see Schiemann, B. **15** 234 (1972)
Schonbach, J., Cuénod, M.: Axoplasmic Migration of Protein. A Light Microscopic Autoradiographic Study in the Avian Retino-Tectal Pathway **12** 275 (1971)
Schoot, P. van der, see Lincoln, D.W., et al. **38** 151 (1979/80)
Schoppmann, A., Hoffmann, K.-P.: A Comparison of Visual Responses in Two Pretectal Nuclei and in the Superior Colliculus of the Cat **35** 495 (1979)
Schoppmann, A., see Hoffmann, K.-P. **42** 146 (1981)
Schor, R.H.: Responses of Cat Vestibular Neurons to Sinusoidal Roll Tilt **20** 347 (1974)
Schor, R.H., Miller, A.D.: Relationship of Cat Vestibular Neurons to Otolith-Spinal Reflexes **47** 137 (1982)
Schor, R.H., see Ezure, K., et al. **33** 27 (1978)
Schor, R.H., see Miller, A.D., et al. **48** 107 (1982)
Schor, R.H., see Nakao, S., et al. **45** 371 (1982)
Schor, R.H., see Tomko, D.L., et al. **41** 216 (1980/81)
Schor, R.H., see Wilson, V.J., et al. **11** 282 (1970)
Schousboe, A.: Development of Potassium Effects on Ion Concentrations and Indicator Spaces in Rat Brain-Cortex Slices During Postnatal Ontogenesis **15** 521 (1972)
Schousboe, A., see Drejer, J., et al. **47** 259 (1982)
Schreiner, Chr., see Creutzfeldt, O.D., et al. **39** 87 (1980)
Schreiter, U., see Grüsser, O.-J., et al. **35** 519 (1979)
Schroeder, C.E., see Garraghty, P.E., et al. **47** 301 (1982)
Schubert, P., Kreutzberg, G.W., Reinhold, K., Herz, A.: Selective Uptake of ^{3}H-6-Hydroxydopamine by Neurones of the Central Nervous System **17** 539 (1973)
Schubert, P., see Lux, H.D., et al. **10** 197 (1970)
Schürmann, F.-W.: Bemerkungen zur Funktion der Corpora pedunculata im Gehirn der Insekten aus morphologischer Sicht **19** 406 (1974)
Schuller, G.: Coding of Small Sinusoidal Frequency and Amplitude Modulations in the Inferior Colliculus of 'CF-FM, Bat, Rhinolophus Ferrumequinum **34** 117 (1978/1979)
Schultz, W., Galbraith, G.C., Gottschaldt, K.-M., Creutzfeldt, O.D.: A Comparison of Primary Afferent and Cortical Neurone Activity Coding Sinus Hair Movements in the Cat **24** 365 (1975/76)
Schultz, W., Ungerstedt, U.: Short-Term Increase and Long-Term Reversion of Striatal Cell Activity After Degeneration of the Nigrostriatal Dopamine System **33** 159 (1978)
Schultz, W., Wiesendanger, R., Hess, B., Ruffieux, A., Wiesendanger, M.: The Somatotopy of the Gracile Nucleus in Cats with Agenesis of a Hindfoot **43** 413 (1981)
Schultz, W., see Allen, G.I., et al. **27** 81 (1977)
Schulz, V., Hartwig, H.-G.: Cytometric Investigations in Histochemically Identified Neurons – Changes of Fluorescence Intensities and Nuclear Diameters in Dopamine Neurons of the Arcuate Nucleus in the Cycling Rat **38** 293 (1979/80)
Schwanz, E., see Büttner, U., et al. **23** 259 (1975)
Schwarcz, R., Hökfelt, T., Fuxe, K., Jonsson, G., Goldstein, M., Terenius, L.: Ibotenic Acidinduced Neuronal Degeneration: A Morphological and Neurochemical Study **37** 199 (1979)
Schwartz, Joan P., see Neckers, L.M., et al. **37** 619 (1979)
Schwartz, S., see Krnjević, K. **3** 306 (1967)
Schwartz, S., see Krnjević, K. **3** 320 (1967)
Schwartz, S., see Galindo, A., et al. **5** 87 (1968)
Schwartzkroin, P.A.: Effects of Round Window Stimulation on Unit Discharge in the Visual Cortex and Superior Colliculus **17** 527 (1973)
Schwarz, D.W.F., Deecke, L., Fredrickson, J.M.: Cortical Projection of Group I Muscle Afferents to Areas 2,3a, and the Vestibular Field in the Rhesus Monkey **17** 516 (1973)
Schwarz, D.W.F., Tomlinson, R.D.: Neuronal Responses to Eye Muscle Stretch in Cerebellar Lobule VI of the Cat **27** 101 (1977)

Schwarz, D.W.F., see Deecke, L., et al. **20** 88 (1974)
Schwarz, D.W.F., see Deecke, L., et al. **30** 219 (1977)
Schwarz, D.W.F., see Ödkvist, L.M., et al. **21** 97 (1974)
Schwarz, D.W.F., see Ödkvist, L.M., et al. **18** 279 (1973)
Schweitzer, E.S., Blaustein, M.P.: The Use of Antibody and Complement to Gain Access to the Interior of Presynaptic Nerve Terminals **38** 443 (1979/80)
Schwestka, R., Windhorst, U., Schaumberg, R.: Patterns of Parallel Signal Transmission Between Multiple Alpha Efferents and Multiple Ia Afferents in the Cat Semitendinosus Muscle **43** 34 (1981)
Schwestka, R., see Windhorst, U. **45** 417 (1982)
Schwindt, P.C., Precht, W., Richter, A.: Monosynaptic Excitatory and Inhibitory Pathways from Medial Midbrain Nuclei to Trochlear Motoneurons **20** 223 (1974)
Scilley, P.L., see Frost, B.J., et al. **43** 173 (1981)
Sclar, G., Freeman, R.D.: Orientation Selectivity in the Cat's Striate Cortex is Invariant with Stimulus Contrast **46** 457 (1982)
Scott, G.L., see Guillery, R.W. **12** 184 (1971)
Scott, J.G., see Mendell, L.M. **22** 221 (1975)
Scott, P.D., see Miller, S. **30** 387 (1977)
Scoville, W.B., see Correll, R.E. **4** 85 (1967/68)
Scuvee-Moreau, J., see Brotchi, J., et al. **32** 459 (1978)
Sedláček, J.: The Responses of Optic Evoked Potentials to Strychnine in Chick Embryos **9** 357 (1969)
Sefton, A.J., see Hale, P.T., et al. **35** 425 (1979)
Segal, M.: Changes of Interhemispheric Hippocampal Responses during Conditioning in the Awake Rat **29** 553 (1977)
Segal, M.: The Effects of Brainstem Priming Stimulation on Interhemispheric Hippocampal Responses in the Awake Rat **28** 529 (1977)
Segundo, J.P., see Macadar, O., et al. **22** 1 (1975)
Seiger, Å., Olson, L.: Reinitation of Direct Nerve Fiber Growth in Central Monoamine Neurons after Infraocular Maturation **29** 15 (1977)
Seiger, Å., see Olson, L., et al. **35** 47 (1979)
Seiger, Å., see Olson, L., et al. **39** 277 (1980)
Seiger, Å., see Taylor, D., et al. **39** 289 (1980)
Selinka, H., see Diener, H.C., et al. **45** 126 (1982)
Seltzer, B., Pandya, D.N.: The Distribution of Posterior Parietal Fibers in the Corpus Callosum of the Rhesus Monkey **49** 147 (1983)
Sem Jacobsen, C.W., see Brock, M., et al. **4** 126 (1967/68)
Semm, P., Demaine, C., Vollrath, L.: Electrical Responses of Pineal Cells to Melatonin and Putative Transmitters. Evidence for Circadian Changes in Sensitivity **43** 361 (1981)
Semm, P., see Welker, H.A., et al. **50** 426 (1983)
Semple, M.N., Aitkin, L.M.: Physiology of Pathway from Dorsal Cochlear Nucleus to Inferior Colliculus Revealed by Electrical and Auditory Stimulation **41** 19 (1980/81)
Senges, J., see Schmidt, R.F., et al. **3** 220 (1967)
Senges, J., see Schmidt, R.F., et al. **3** 234 (1967)
Sensenbrenner, M., see Louis, J.C., et al. **42** 63 (1981)
Serapide, M.F., see Perciavalle, V., et al. **33** 241 (1978)
Seress, L., Ribak, C.E.: GABAergic Cells in the Dentate Gyrus Appear to be Local Circuit and Projection Neurons **50** 173 (1983)
Sétaló, G., Székely, G.: The Presence of Membrane Specializations, Indicative of Somato-dendritic Synaptic Junctions in the Optic Tectum of the Frog **4** 237 (1967/68)
Shaar, C.J., see Clemens, J.A., et al. **12** 250 (1971)
Shander, D., Barraclough, C.A.: Role of the Preoptic Brain in the Regulation of Preovulatory Gonadotropin Surges in the Hamster **40** 123 (1980)
Shannak, K.S., see Higatsberger, M.R., et al. **44** 93 (1981)
Shansky, M.S., Chino, Y.M., Hamasaki, D.I.: Abnormal Responses of Retinal Ganglion Cells in Siamese Cats to Moving Stimuli **43** 57 (1981)
Shansky, M.S., see Chino, Y.M., et al. **39** 313 (1980)
Shantha, T.R., see Manocha, S.L., et al. **3** 25 (1967)
Shapiro, R., see Sakai, K.K., et al. **34** 379 (1978/1979)
Shapley, R., Tat So, Y.: Is There an Effect of Monocular Deprivation on the Proportions of X and Y Cells in the Cat Lateral Geniculate Nucleus? **39** 41 (1980)
Shapley, R., see Snyder, A. **37** 73 (1979)
Shapley, R., see Tat So, Y. **36** 533 (1979)
Shapley, R., see Winterkorn, J.M.S., et al. **42** 117 (1981)
Shapovalov, A I., Shiriaev, B.I.: Two Types of Electrotonic EPSP Evoked in Amphibian Motoneurons by Ventral Root Stimulation **33** 313 (1978)
Shapovalov, A.I., Shiriaev, B.I.: Electrical Coupling Between Primary Afferents and Amphibian Motoneurons **33** 299 (1978)
Shapovalov, A.I., Shiriaev, B.I.: Recurrent Interactions Between Individual Motoneurones and Dorsal Root Fibres in the Frog **38** 115 (1979/80)
Shapovalov, A.I., Shiriaev, B.I., Tamorova, Z.A.: Differential Sensitivity of Individual Primary Afferents to Glutamic, and γ-Aminobutyric Acids in the Amphibian Spinal Cord in vitro **49** 140 (1983)
Shapovalov, A.I., see Grantyn, R., et al. **48** 459 (1982)
Sharma, S.C., see Gaze, R.M. **10** 171 (1970)
Sharp, F.R., see Ryan, A.F., et al. **47** 428 (1982)
Sharpe, L.G., Myers, R.D.: Feeding and Drinking Following Stimulation of the Diencephalon of the Monkey with Amines and other Substances **8** 295 (1969)
Shashoua, V.E.: The Pattern of Synthesis and Distribution of Membrane Bound RNA in Brain Synaptosomes **17** 139 (1973)
Shefner, J.M., see Levine, M.W. **44** 353 (1981)
Shefner, S.A., see Henderson, G., et al. **45** 29 (1982)
Shibuki, K., see Hamamura, M., et al. **48** 420 (1982)
Shimazu, H., see Furuya, N., et al. **25** 447 (1976)
Shimazu, H., see Furuya, N., et al. **24** 75 (1975/76)
Shimazu, H., see Hikosaka, O., et al. **27** 355 (1977)
Shimazu, H., see Hikosaka, O., et al. **33** 337 (1978)
Shimazu, H., see Nakao, S., et al. **45** 371 (1982)
Shimazu, H., see Ozawa, S., et al. **19** 394 (1974)
Shimazu, H., see Precht, W., et al. **19** 377 (1974)
Shimizu, N., Katoh, Y., Hida, T., Satoh, K.: The Fine Structural Organization of the Locus Coeruleus in the Rat with Reference to Noradrenaline Contents **37** 139 (1979)
Shimizu, N., Ohnishi, S.: Demonstration of Nigro-Neostriatal Tract by Degeneration Silver Method **17** 133 (1973)
Shimizu, N., Ohnishi, S., Tohyama, M., Maeda, T.: Demonstration by Generation Silver Method of the Ascending Projection from the Locus Ceruleus **20** 181 (1974)
Shimizu, N., see Sakumoto, T., et al. **31** 81 (1978)
Shimizu, N., see Satoh, K., et al. **30** 175 (1977)
Shimizu, N., see Shiosaka, S., et al. **39** 377 (1980)
Shimizu, N., see Tada, K., et al. **35** 287 (1979)

Shimono, T., see DeFrance, J.F., et al. **17** 463 (1973)
Shimono, T., see DeFrance, J.F., et al. **17** 447 (1973)
Shimono, T., see Sasaki, K., et al. **23** 91 (1975)
Shimono, T., see Sasaki, K., et al. **26** 261 (1976)
Shimoyama, I., see Ito, M., et al. **33** 143 (1978)
Shinoda, Y., Arnold, A., Asanuma, H.: Spinal Branching of Corticospinal Axons in the Rat **26** 215 (1976)
Shinoda, Y., Ghez, C., Arnold, A.: Spinal Branching of Rubrospinal Axons in the Cat **30** 203 (1977)
Shinoda, Y., Yoshida, K.: Neural Pathways from the Vestibular Labyrinths to the Flocculus in the Cat **22** 97 (1975)
Shinoda, Y., Zarzecki, P., Asanuma, H.: Spinal Branching of Pyramidal Tract Neurons in the Monkey **34** 59 (1978/1979)
Shinoda, Y., see Ghez, C. **32** 55 (1978)
Shinoda, Y., see Hikosaka, O., et al. **27** 355 (1977)
Shinoda, Y., see Zarzecki, P., et al. **33** 269 (1978)
Shinozaki, H., see Obata, K., et al. **11** 327 (1970)
Shiosaka, S., Tohyama, M., Takagi, H., Takahashi, Y., Saitoh, Y., Sakumoto, T., Nakagawa, H., Shimizu, N.: Ascending and Descending Components of the Medial Forebrain Bundle in the Rat as Demonstrated by the Horseradish Peroxidase-blue Reaction. I. Forebrain and Upper Brain Stem **39** 377 (1980)
Shiraishi, H., see Koizumi, J. **13** 451 (1971)
Shiraishi, H., see Koizumi, J. **11** 387 (1970)
Shiraishi, H., see Koizumi, J. **10** 276 (1970)
Shiriaev, B.I., see Shapovalov, A I. **33** 313 (1978)
Shiriaev, B.I., see Shapovalov, A.I. **33** 299 (1978)
Shiriaev, B.I., see Shapovalov, A.I. **38** 115 (1979/80)
Shiriaev, B.I., see Grantyn, R., et al. **48** 459 (1982)
Shiriaev, B.I., see Shapovalov, A.I., et al. **49** 140 (1983)
Shmigidina, G.N., see Altman, J.A., et al. **26** 285 (1976)
Shmigidina, G.N., see Altman, J.A., et al. **10** 81 (1970)
Shnerson, A., Willott, J.F.: Development of Inferior Colliculus Response Properties in C57BL/6J Mouse Pups **37** 373 (1979)
Shofer, R.J., Nahvi, M.J.: Firing Patterns Induced by Sounds in Single Units of the Cerebellar Cortex **8** 327 (1969)
Shosaku, A., Sumitomo, I.: Auditory Neurons in the Rat Thalamic Reticular Nucleus **49** 432 (1983)
Shumway-Cook, A., see Nashner, L.M., et al. **49** 393 (1983)
Siegel, R.A., see Feldman, S., et al. **42** 486 (1981)
Siegel, R.A., see Puder, M., et al. **46** 85 (1982)
Siegel, R.A., see Weidenfeld, J., et al. **48** 306 (1982)
Siesjö, B.K., Pontén, U.: Acid-Base Changes in the Brain in Nonrespiratory Acidosis and Alkalosis **2** 176 (1966)
Silfvenius, H., see Grant, G., et al. **24** 57 (1975/76)
Sillito, A.M., Kemp, J.A., Patel, H.: Inhibitory Interactions Contributing to the Ocular Dominance of Monocularly Dominated Cells in the Normal Cat Striate Cortex **41** 1 (1980/81)
Silverman, M.S., see Clopton, B.M. **32** 39 (1978)
Silverman, M.S., see Bengry, M.F., et al. **28** 211 (1977)
Simon, H., Le Moal, M., Galey, D., Cardo, B.: Selective Degeneration of Central Dopaminergic Systems After Injection of 6-Hydroxydopamine in the Ventral Mesencephalic Tegmentum of the Rat. Demonstration by the Fink-Heimer-Stain **20** 375 (1974)
Simon, R.G., Gill, M., Lemkey-Johnston, N., Larramendi, L.M.H.: Cholesterol and Phospholipid Composition of Cerebellar Fractions Enriched in Unmyelinated Axons and Synaptosomes **13** 504 (1971)
Simoni, A., see Berlucchi, G., et al. **34** 551 (1978/1979)
Simons, D., Puretz, J., Finger, S.: Effects of Serial Lesions of Somatosensory Cortex and Further Neodecortication on Tactile Retention in Rats **23** 353 (1975)
Simons, D., see Finger, S. **25** 183 (1976)
Simpson, J.I., see Ito, M., et al. **12** 223 (1971)
Simpson, N.E., see Yagi, T., et al. **30** 587 (1977)
Singer, W., Creutzfeldt, O.D.: Reciprocal Lateral Inhibition of On- and Off-Center Neurones in the Lateral Geniculate Body of the Cat **10** 311 (1970)
Singer, W., Creutzfeldt, O.D.: Die Bedeutung der Vorderhirnkommissuren für die Koordination bilateraler EEG-Muster – *Forebrain Commissures and Bilateral Coordination of EEG-Patterns* **7** 195 (1969)
Singer, W., Freeman, B., Rauschecker, J.P.: Restriction of Visual Experience to a Single Orientation Affects the Organization of Orientation Columns in Cat Visual Cortex. A Study with Deoxyglucose **41** 199 (1980/81)
Singer, W.: Effects of Monocular Deprivation on Excitatory and Inhibitory Pathways in Cat Striate Cortex **30** 25 (1977)
Singer, W., Grünau, M.W. von, Rauschecker, J.P.: Functional Amblyopia in Kittens with Unilateral Exotropia. I. Electrophysiological Assessment **40** 294 (1980)
Singer, W.: Central Core Control of Developmental Plasticity in the Kitten Visual Cortex: I. Diencephalic Lesions **47** 209 (1982)
Singer, W., Phillips, W.A.: Function and Interaction of On and Off Transients in Vision. II. Neurophysiology **19** 507 (1974)
Singer, W., Pöppel, E., Creutzfeldt, O.D.: Inhibitory Interaction in the Cat's Lateral Geniculate Nucleus **14** 210 (1972)
Singer, W., Rauschecker, J.P.: Central Core Control of Developmental Plasticity in the Kitten Visual Cortex: II. Electrical Activation of Mesencephalic and Diencephalic Projections **47** 223 (1982)
Singer, W., Schmielau, F.: The Effect of Reticular Stimulation on Binocular Inhibition in the Cat Lateral Geniculate Body **25** 221 (1976)
Singer, W.: Topographic Organization of Orientation Columns in the Cat Visual Cortex. A Deoxyglucose Study **44** 431 (1981)
Singer, W., Tretter, F.: Unusually Large Receptive Fields in Cats with Restricted Visual Experience **26** 171 (1976)
Singer, W., Zihl, J., Pöppel, E.: Subcortical Control of Visual Thresholds in Humans: Evidence for Modality Specific and Retinotopically Organized Mechanisms of Selective Attention **29** 173 (1977)
Singer, W., see Grünau, M.W. von **40** 305 (1980)
Singer, W., see Grünau, M.W. von **34** 133 (1978/1979)
Singer, W., see Mitzdorf, U. **33** 371 (1978)
Singer, W., see Phillips, W.A. **19** 493 (1974)
Singer, W., see Sireteanu, R. **40** 354 (1980)
Sireteanu, R., Hoffmann, K.-P.: Relative Frequency and Visual Resolution of X- and Y-Cells in the LGN of Normal and Monocularly Deprived Cats: Interlaminar Differences **34** 591 (1978/1979)
Sireteanu, R., Singer, W.: The „Vertical Effect" in Human Squint Amblyopia **40** 354 (1980)
Sjölund, B.: The Ventral Spino-Olivocerebellar System in the Cat. V. Supraspinal Control of Spinal Transmission **33** 509 (1978)
Sjölund, B., see Andersson, G. **33** 227 (1978)
Sjölund, B., see Oscarsson, O. **28** 487 (1977)
Sjölund, B., see Oscarsson, O. **28** 505 (1977)
Sjölund, B., see Oscarsson, O. **28** 469 (1977)
Sjölund, B., see Rosén, I. **16** 221 (1972/73)
Sjölund, B., see Rosén, I. **16** 238 (1972/73)
Sjölund, B., see Cooke, J.D., et al. **13** 359 (1971)

Sjölund, B., see Cooke, J.D., et al. **13** 339 (1971)
Sjöstrand, J.: Rapid Axoplasmic Transport of Labelled Proteins in the Vagus and Hypoglossal Nerves of the Rabbit **8** 105 (1969)
Sjöstrand, J., see Frizell, M., et al. **10** 526 (1970)
Skavenski, A.A., see Conway, J.L., et al. **43** 229 (1981)
Skinner, R.D., see Remmel, R.S., et al. **32** 31 (1978)
Skinner, R.D., see Willis, W.D., et al. **17** 169 (1973)
Skrandies, W., see Lehmann, D. **35** 151 (1979)
Skrebitsky, V.G.: Nonspecific Influences on Neuronal Firing in the Central Visual Pathway **9** 269 (1969)
Skrede, K.K., see Andersen, P., et al. **13** 208 (1971)
Skrede, K.K., see Andersen, P., et al. **13** 222 (1971)
Škvařil, J., see Aleksanyan, Z.A., et al. **15** 29 (1972)
Slater, P., see Lee, L.A. **44** 170 (1981)
Slusher, M.A.: Effects of Cortisol Implants in the Brainstem and Ventral Hippocampus on Diurnal Corticosteroid Levels **1** 184 (1966)
Smaha, L.A., Kaelber, W.W.: Efferent Fiber Projections of the Habenula and the Interpeduncular Nucleus. An Experimental Study in the Opossum and Cat **16** 291 (1972/73)
Smith, A.M., Hepp-Reymond, M.-C., Wyss, U.R.: Relation of Activity in Precentral Cortical Neurons to Force and Rate of Force Change During Isometric Contractions of Finger Muscles **23** 315 (1975)
Smith, A.M., see Padel, Y., et al. **17** 315 (1973)
Smith, A.M., see Padel, Y., et al. **14** 363 (1972)
Smith, A.T., Jeffreys, D.A.: Evoked Potential Evidence for Differences in Binocularity Between Striate and Prestriate Regions of Human Visual Cortex **36** 375 (1979)
Smith, A.T., see Hammond, P. **47** 457 (1982)
Smith, E.L., III, see Harwerth, R.S., et al. **39** 351 (1980)
Smith, J.L., see McKinley, P.A., et al. **49** 218 (1983)
Smith, K.R., see Ilinsky, I.A., et al. **33** 469 (1978)
Smith, K.R., see Kultas-Ilinsky, K., et al. **33** 481 (1978)
Smith, K.R., see Kultas-Ilinsky, K., et al. **38** 125 (1979/80)
Smith, R.L., see Lynch, G.S., et al. **17** 221 (1973)
Snider, R.S., see Del Cerro, M.P., et al. **8** 311 (1969)
Snider, R.S., see Snider, S.R., et al. **6** 81 (1968)
Snider, S.R., Abood, L.G., Snider, R.S.: Investigations on the Neural Tissue-Limb Deplant of the Salamander **6** 81 (1968)
Snodderly, D.M., Swadlow, H.A., Barlow, R.B., Jr.: Evaluation of a Surgical Method for Immobilizing the Eye of an Alert Monkey **31** 179 (1978)
Snodderly, D.M., see Barlow, R.B., Jr., et al. **31** 163 (1978)
Snyder, A., Shapley, R.: Deficits in the Visual Evoked Potentials of Cats as a Result of Visual Deprivation **37** 73 (1979)
Snyder, A.Z., see Bauer, R., et al. **50** 133 (1983)
Snyder, A.Z., see Dow, B.M., et al. **44** 213 (1981)
Soechting, J.F., Berthoz, A.: Dynamic Role of Vision in the Control of Posture in Man **36** 551 (1979)
Soechting, J.F., see Lestienne, F., et al. **28** 363 (1977)
Soghomonian, J.J., see Lanoir, J., et al. **48** 137 (1982)
Solomon, S.J., Pasik, T., Pasik, P.: Extrageniculostriate Vision in the Monkey. VIII. Critical Structures for Spatial Localization **44** 259 (1981)
Somana, R., Kotchabhakdi, N., Walberg, F.: Cerebellar Afferents from the Trigeminal Sensory Nuclea in the Cat **38** 57 (1979/80)
Sommers, D., see Marco, L.A., et al. **17** 111 (1973)
Sommer-Smith, J., see Herz, A., et al. **1** 249 (1966)
Somogyi, Gy., Hajdu, F., Hassler, R., Wagner, A.: An Experimental Electron Microscopical Study of Direct Retino-Pulvinar Pathway in the Tree Shrew **43** 447 (1981)
Somogyi, Gy., Hajdu, F., Tömböl, T.: Ultrastructure of the Anterior Ventral and Anterior Medial Nuclei of the Cat Thalamus **31** 417 (1978)
Somogyi, Gy., see Tömböl, T., et al. **24** 107 (1975/76)
Somogyi, P., see Martin, K.A.C., et al. **50** 193 (1983)
Sontag, K.-H., see Wand, P., et al. **38** 109 (1979/80)
Sotelo, C., Angaut, P.: The Fine Structure of the Cerebellar Central Nuclei in the Cat. I. Neurones and Neuroglial Cells **16** 410 (1972/73)
Sotelo, C.: Permanence of Postsynaptic Specialization in the Frog Sympathetic Ganglion Cells after Denervation **6** 294 (1968)
Sotelo, C., see Angaut, P. **16** 431 (1972/73)
Sotelo, C., see Korn, H., et al. **16** 255 (1972/73)
Sotgiu, M.L., Margnelli, M., Marini, G.: Intracellular Study of Presumed Interneurons in the Ventrobasal Complex of Cats with Chronic Cortical Ablations **49** 307 (1983)
Sotgiu, M.L., see Cesa-Bianchi, M.G., et al. **5** 1 (1968)
Sourkes, T.L., see Almazan, G., et al. **50** 321 (1983)
Sousa-Pinto, A., Brodal, A.: Demonstration of a Somatotopical Pattern in the Cortico-olivary Projection in the Cat. An Experimental-anatomical Study **8** 364 (1969)
Sousa-Pinto, A., Castro-Correia, J.: Light Microscopic Observations on the Possible Retinohypothalamic Projection in the Rat **11** 515 (1970)
Sousa-Pinto, A.: Electron Microscopic Observations on the Possible Retinohypothalamic Projection in the Rat **11** 528 (1970)
Sousa-Pinto, A., see Paula-Barbosa, M.M., et al. **23** 535 (1975)
Sovijärvi, A.R.A., see Leinonen, L., et al. **39** 203 (1980)
Spatz, W.B.: The Retino-geniculo-cortical Pathway in Callithrix. II. The Geniculocortical Projection **36** 401 (1979)
Spatz, W.B.: Topographically Organized Reciprocal Connections between Area 17 and MT (Visual Area of Superior Temporal Sulcus) in the Marmoset Callithrix Jacchus **27** 559 (1977)
Spatz, W.B.: The Retino-Geniculo-Cortical Pathway in Callithrix. I. Intraspecific Variations in the Lamination Pattern of the Lateral Geniculate Nucleus **33** 551 (1978)
Spear, P.D., Baumann, T.P.: Neurophysiological Mechanisms of Recovery from Visual Cortex Damage in Cats: Properties of Lateral Suprasylvian Visual Area Neurons Following Behavioral Recovery **35** 177 (1979)
Spear, P.D., Ganz, L.: Effects of Visual Cortex Lesions Following Recovery From Monocular Deprivation in the Cat **23** 181 (1975)
Spear, P.D., see Hickey, T.L. **24** 523 (1975/76)
Spear, P.D., see Mathers, L.H., et al. **19** 20 (1974)
Speciale, S.G., see Neckers, L.M., et al. **37** 619 (1979)
Speckman, E.-J., see Elger, C.E., et al. **28** 385 (1977)
Speckman, E.-J., see Janzen, R.C.W., et al. **28** 405 (1977)
Spekreijse, H., see Estévez, O. **19** 233 (1974)
Sperk, G., see Higatsberger, M.R., et al. **44** 93 (1981)
Spidalieri, G., see Innocenti, G.M., et al. **19** 447 (1974)
Spidalieri, G., see Manzoni, T., et al. **34** 453 (1978/1979)
Spillmann, L., Levine, J.: Contrast Enhancement in a Hermann Grid with

Variable Figure-Ground Ratio **13** 547 (1971)
Spillmann, L., see Valberg, A. **46** 89 (1982)
Spinelli, D.N., Hirsch, H.V.B., Phelps, R.W., Metzler, J.: Visual Experience as a Determinant of the Response Characteristics of Cortical Receptive Field in Cat **15** 289 (1972)
Spinelli, D.N., see Hirsch, H.V.B. **12** 509 (1971)
Spitzer, J.J., see Wolf, E.H., et al. **14** 9 (1972)
Spivack, N., see Gruner, J.A., et al. **40** 361 (1980)
Spoor, L., see Wuerthele, S.M., et al. **44** 1 (1981)
Sprague, J.M., see Berlucchi, G., et al. **34** 551 (1978/1979)
Sprague, J.M., see Berlucchi, G., et al. **31** 275 (1978)
Spreafico, B., Kirk, C., Franceschetti, S., Avanzini, G.: Brain Stem Projections to the Pulvinar-lateralis Posterior Complex of the Cat **40** 209 (1980)
Squatrito, S., see Battaglini, P.P., et al. **47** 28 (1982)
Ståberg, E., see Gath, I. **43** 377 (1981)
Stanford, E.J., see Lee, K.S., et al. **29** 475 (1977)
Stanton, G.B., Greene, R.W.: Brain Stem Afferents to the Periabducens Reticular Formations (PARF) in the Cat. An HRP Study **44** 419 (1981)
Stark, E., see Makara, G.B., et al. **22** 449 (1975)
Starr, M.S., see Kilpatrick, I.C., et al. **40** 45 (1980)
Starr, M.S., see MacLeod, N.K., et al. **40** 55 (1980)
Stauffer, E.K., Stephens, J.A.: The Tendon Organs of Cat Soleus: Static Sensitivity to Active Force **23** 279 (1975)
Stechler, G., see Horn, G., et al. **15** 113 (1972)
Steen, J. van der, see Collewijn, H., et al. **40** 330 (1980)
Steffen, H., Van der Loos, H.: Early Lesions of Mouse Vibrissal Follicles: Their Influence on Dendritic Orientation in the Cortical Barrelfield **40** 419 (1980)
Stein, A., Mullikin, W., Stevens, J.: The Spatiotemporal Building Blocks of X-, Y- and W-Ganglion Cell Receptive Fields of the Cat's Retina **49** 341 (1983)
Stein, R.B., see Duysens, J. **32** 213 (1978)
Steinberg, R., Grangetto, A.: Electric Characteristics of Precision Etched Tungsten Microelectrodes **25** 99 (1976)
Stenhouse, D., see Devanandan, M.S., et al. **8** 163 (1969)
Stenhouse, D., see Devanandan, M.S., et al. **8** 177 (1969)
Stephens, J.A., see Stauffer, E.K. **23** 279 (1975)
Stephens, J.A., see Reinking, R.M., et al. **23** 301 (1975)
Stephens, M.C., Dakshinamurti, K.: Galactolipid Fatty Acids in Brain of Pyridoxine-Deficient Young Rats **25** 465 (1976)
Steriade, M., Ionescu, D.: Specific Potentiation of Photically Evoked Activity in the Visual Cortex **4** 256 (1967/68)
Steriade, M., Oakson, G., Ropert, N.: Firing Rates and Patterns of Midbrain Reticular Neurons During Steady and Transitional States of the Sleep-Waking Cycle **46** 37 (1982)
Steriade, M., Wyzinski, P., Apostol, V.: Differential Synaptic Reactivity of Simple and Complex Pyramidal Tract Neurones at Various Levels of Vigilance **17** 87 (1973)
Sterling, G.M., see Nail, B.S., et al. **15** 318 (1972)
Sternberger, L.A., see Johansson, O., et al. **38** 1 (1979/80)
Sternheim, C.E., see Fischer, B., et al. **31** 235 (1978)
Stevens, J., see Stein, A., et al. **49** 341 (1983)
Stevenson, J.A., Lund, R.D.: A Crossed Parabigemino-lateral Geniculate Projection in Rats Blinded at Birth **45** 95 (1982)
Steward, O., Cotman, C.W., Lynch, G.S.: Re-Establishment of Electrophysiologically Functional Entorhinal Cortical Input to the Dentate Gyrus Deafferented by Ipsilateral Entorhinal Lesions: Innervation by the Contralateral Entorhinal Cortex **18** 396 (1973)
Steward, O., Cotman, C.W., Lynch, G.S.: Growth of a New Fiber Projection in the Brain of Adult Rats: Re-Innervation of the Dentate Gyrus by the Contralateral Entorhinal Cortex Following Ipsilateral Entorhinal Lesions **20** 45 (1974)
Steward, O., White, W.F., Cotman, C.W., Lynch, G.S.: Potentiation of Excitatory Synaptic Transmission in the Normal and in the Reinnervated Dentate Gyrus of the Rat **26** 423 (1976)
Steward, O., see Wilson, R.C. **33** 523 (1978)
Stewart, D.L., see Van Sluyters, R.C. **19** 196 (1974)
Stewart, D.L., see Van Sluyters, R.C: **19** 166 (1974)
Štipek, S., see Mysliveček, J. **36** 343 (1979)
Stone, J., Freeman, R.B., Jr.: Conduction Velocity Groups in the Cat's Optic Nerve Classified According to their Retinal Origin **13** 489 (1971)
Stone, J., Holländer, H.: Optic Nerve Axon Diameters Measured in the Cat Retina: Some Functional Considerations **13** 498 (1971)
Stone, J., see Rowe, M.H. **25** 339 (1976)
Stopp, P.E., see Salt, A.N. **36** 87 (1979)
Stopp, P.E., see Salt, A.N. **40** 113 (1980)
Story, J.L., see Eidelberg, E., et al. **40** 241 (1980)
Story, J.L., see Eidelberg, E., et al. **42** 81 (1981)
Strahlendorf, H.K., see Strahlendorf, J.C., et al. **46** 462 (1982)
Strahlendorf, J.C., Strahlendorf, H.K., Barnes, C.D.: Inhibition of Periaqueductal Gray Neurons by the Arcuate Nucleus: Partial Mediation by an Endorphin Pathway **46** 462 (1982)
Straschill, M., Hoffmann, K.-P.: Activity of Movement Sensitive Neurons of the Cat's Tectum Opticum During Spontaneous Eye Movements **11** 318 (1970)
Straschill, M., Schick, F.: Discharges of Superior Colliculus Neurons during Head and Eye Movements of the Alert Cat **27** 131 (1977)
Straschill, M., Schick, F.: Neuronal Activity During Eye Movements in a Visual Association Area of the Cat Cerebral Cortex **19** 467 (1974)
Straschill, M., Taghavy, A.: Neuronale Reaktionen im Tectum Opticum der Katze auf bewegte und stationäre Lichtreize **3** 353 (1967)
Straschill, M., see Hoffmann, K.-P. **12** 120 (1971)
Strata, P., see Sasaki, K. **3** 95 (1967)
Strata, P., see Bisti, S., et al. **14** 24 (1972)
Strata, P., see Buchtel, H.A., et al. **15** 278 (1972)
Strata, P., see Eccles, J.C., et al. **3** 81 (1967)
Strata, P., see Eccles, J.C., et al. **3** 58 (1967)
Strata, P., see Eccles, J.C., et al. **2** 18 (1966)
Strata, P., see Eccles, J.C., et al. **6** 195 (1968)
Strata, P., see Eccles, J.C., et al. **6** 171 (1968)
Strata, P., see Ferin, M., et al. **12** 1 (1971)
Strata, P., see Gordon, M., et al. **17** 50 (1973)
Strata, P., see Montarolo, P.G., et al. **42** 215 (1981)
Strata, P., see Provini, L., et al. **6** 216 (1968)
Straughan, D.W., see MacLeod, N.K. **34** 183 (1978/1979)
Stryker, M.P., Schiller, P.H.: Eye and Head Movements Evoked by Electrical Stimulation of Monkey Superior Colliculus **23** 103 (1975)
Stuart, D.G., Goslow, G.E., Mosher, C.G., Reinking, R.M.: Stretch Responsiveness of Golgi Tendon Organs **10** 463 (1970)
Stuart, D.G., Mosher, C.G., Gerlach, R.L., Reinking, R.M.: Mechanical Arrangement and Transducing Properties of Golgi Tendon Organs **14** 274 (1972)
Stuart, D.G., Mosher, C.G., Goslow, G.E., Reinking, R.M.: Selective Activation of Ia Afferents by Transients Muscle Stretch **10** 477 (1970)
Stuart, D.G., see Hamm, T.M., et al. **49** 68 (1983)

Stuart, D.G., see Hayward, J.N., et al. **1** 205 (1966)
Stuart, D.G., see Jankowska, E., et al. **21** 169 (1974)
Stuart, D.G., see Reinking, R.M., et al. **23** 301 (1975)
Studynka, G., see Haider, M., et al. **5** 45 (1968)
Stumpf, W.E., see Conrad, C.D. **23** 141 (1975)
Stumpf, W.E., see Jennes, L., et al. **46** 331 (1982)
Stumpf, W.E., see Jennes, L., et al. **50** 91 (1983)
Stumpf, W.E., see Reid, F.A., et al. **44** 243 (1981)
Stuyck, J., see Herman, R., et al. **47** 69 (1982)
Suárez, G., see Hernández, A.G., et al. **33** 325 (1978)
Suda, K., see Tsumoto, T. **43** 451 (1981)
Suda, K., see Tsumoto, T. **45** 433 (1982)
Sütterlin, C., see Rentschler, I., et al. **44** 154 (1981)
Sugimori, M., see Kitai, S.T., et al. **24** 351 (1975/76)
Sugiyama, M.: The Projection of the Visual Cortex on the Clare-Bishop Area in the Cat. A Degeneration Study with the Electron Microscope **36** 433 (1979)
Sumitomo, I., see Shosaku, A. **49** 432 (1983)
Summerlee, A.J.S., see Lincoln, D.W., et al. **38** 151 (1979/80)
Sumner, B.E.H.: Quantitative Ultrastructural Observations on the Inhibited Recovery of the Hypoglossal Nucleus from the Axotomy Response when Regeneration of the Hypoglossal Nerve is Prevented **26** 141 (1976)
Sumner, B.E.H.: Ultrastructural Responses of the Hypoglossal Nucleus to the Presence in the Tongue of Botulinum Toxin, a Quantitative Study **30** 313 (1977)
Sumner, B.E.H.: Responses in the Hypoglossal Nucleus to Delayed Regeneration of the Transected Hypoglossal Nerve, a Quantitative Ultrastructural Study **29** 219 (1977)
Sumner, B.E.H.: Responses of Boutons and Glia in the Hypoglossal Nucleus to Injection of α- or β-Bungarotoxin into the Tongue **36** 387 (1979)
Sumner, B.E.H.: Ultrastructural Data, with Special Reference to Bouton/Glial Relationships, from the Hypoglossal Nucleus After a Second Axotomy of the Hypoglossal Nerve **36** 107 (1979)
Sumner, B.E.H.: A Quantitative Study of Subsurface Cisterns and their Relationships in Normal and Axotomized Hypoglossal Neurones **22** 175 (1975)
Sumner, B.E.H.: An Ultrastructural Study of Normal and Injured Hypoglossal Nuclei After Injection of Horseradish Peroxidase **23** 463 (1975)
Sumner, B.E.H.: Membrane-Associated Adenosine Triphosphatase in Normal and Injured Hypoglossal Nuclei **33** 213 (1978)
Susswein, A., see Wilson, V.J., et al. **32** 1 (1978)
Sutherland, F.I.: Controlled Variation of Microtubule Number in Neuronal Processes During Remodelling in Vivo **20** 311 (1974)
Sutija, V.G., see Hamasaki, D.I. **35** 25 (1979)
Sutija, V.G., see Hamasaki, D.I. **35** 9 (1979)
Sutkonen, P.T.S., Courjon, J.H., Jeannerod, M.: Compensation of Postural Effects of Hemilabyrinthectomy in the Cat. A Sensory Substitution Process? **28** 249 (1977)
Sutton, D., see Larson, C.R., et al. **33** 1 (1978)
Suzuki, D.A., Keller, E.L.: Vestibular Signals in the Posterior Vermis of the Alert Monkey Cerebellum **47** 145 (1982)
Suzuki, D.A., see Tsumoto, T. **25** 291 (1976)
Suzuki, S., see Uchino, Y., et al. **41** 45 (1980/81)
Sveen, O., see Bland, B.H., et al. **38** 205 (1979/80)
Swadlow, H.A., Rosene, D.L., Waxman, S.G.: Characteristics of Interhemispheric Impulse Conduction Between Prelunate Gyri of the Rhesus Monkey **33** 455 (1978)
Swadlow, H.A., Waxman, S.G., Rosene, D.L.: Latency Variability and the Identification of Antidromically Activated Neurons in Mammalian Brain **32** 439 (1978)
Swadlow, H.A., see Barlow, R.B., Jr., et al. **31** 163 (1978)
Swadlow, H.A., see Snodderly, D.M., et al. **31** 179 (1978)
Swett, J.E., see Coulmance, M., et al. **37** 265 (1979)
Sybirska, E., see Alstermark, B., et al. **42** 282 (1981)
Sybirska, E., see Alstermark, B., et al. **42** 299 (1981)
Syka, J., Radionova, E.A., Popelář, J.: Discharge Characteristics of Neuronal Pairs in the Rabbit Inferior Colliculus **44** 11 (1981)
Syka, J., see Altman, J.A., et al. **26** 285 (1976)
Syka, J., see Altman, J.A., et al. **10** 81 (1970)
Symmes, D., Newman, J.D.: Discrimination of Isolation Peep Variants by Squirrel Monkeys **19** 365 (1974)
Szabó, D., see Pfeifer, A.K., et al. **5** 79 (1968)
Szabo, T., see Réthelyi, M. **18** 323 (1973)
Szabo, T., see Réthelyi, M. **17** 229 (1973)
Székely, G., Czéh, G., Vörös, G.: The Activity Pattern of Limb Muscles in Freely Moving Normal and Deafferented Newts **9** 53 (1969)
Székely, G.,, Kosaras, B.: Electron Microscopic Identification of Postsynaptic Dorsal Root Terminals: a Possible Substrate of Dorsal Root Potentials in the Frog Spinal Cord **29** 531 (1977)
Székely, G., Matesz, K., Baker, R.E., Antal, M.: The Termination of Cutaneous Nerves in the Dorsal Horn of the Spinal Cord in Normal and in Skin-rotated Frogs **45** 19 (1982)
Székely, G., see Sétaló, G. **4** 237 (1967/68)
Szentágothai, J., Hámori, J., Tömböl, Th.: Degeneration and Electron Microscope Analysis of the Synaptic Glomeruli in the Lateral Geniculate Body **2** 283 (1966)
Szentágothai, J., see Hámori, J. **1** 65 (1966)
Szentágothai, J., see Hámori, J. **2** 35 (1966)
Szentágothai, J., see Hámori, J. **5** 118 (1968)
Szentágothai, J., see Réthelyi, M. **7** 258 (1969)
Szentágothai, J., see Hámori, J., et al. **44** 97 (1981)
Szentágothai, J., see Palkovits, M., et al. **28** 189 (1977)
Szentágothai, J., see Pasik, P., et al. **17** 18 (1973)

T

Táboříková, H., see Eccles, J.C., et al. **19** 100 (1974)
Táboříková, H., see Decandia, M., et al. **4** 34 (1967/68)
Táboříková, H., see Eccles, J.C., et al. **13** 54 (1971)
Táboříková, H., see Eccles, J.C., et al. **13** 36 (1971)
Táboříková, H., see Eccles, J.C., et al. **13** 15 (1971)
Táboříková, H., see Eccles, J.C., et al. **15** 245 (1972)
Táboříková, H., see Eccles, J.C., et al. **15** 498 (1972)
Táboříková, H., see Eccles, J.C., et al. **15** 484 (1972)
Táboříková, H., see Eccles, J.C., et al. **15** 261 (1972)
Táboříková, H., see Eccles, J.C., et al. **6** 171 (1968)
Táboříková, H., see Eccles, J.C., et al. **6** 195 (1968)
Táboříková, H., see Eccles, J.C., et al. **19** 78 (1974)
Táboříková, H., see Eccles, J.C., et al. **19** 61 (1974)
Táboříková, H., see Kitai, S.T., et al. **7** 1 (1969)
Tada, K., Ohshita, S., Yonenobu, K., Ono, K., Satoh, K., Shimizu, N.: Development of Spinal Motoneuron Innervation of the Upper Limb Muscle in the Rat **35** 287 (1979)
Taghavy, A., see Straschill, M. **3** 353 (1967)

Tagliasco, V., see Dichgans, J., et al. **18** 548 (1973)
Takagi, H., see Shiosaka, S., et al. **39** 377 (1980)
Takagi, M., see Yamamoto, C., et al. **38** 469 (1979/80)
Takahashi, K., see Fukushima, K., et al. **45** 303 (1982)
Takahashi, K., see Koike, H., et al. **5** 173 (1968)
Takahashi, Y., see Shiosaka, S., et al. **39** 377 (1980)
Takano, K., Henatsch, H.-D.: The Effect of the Rat of Stretch upon the Development of Active Reflex Tension in Hind Limb Muscles of the Decerebrate Cat **12** 422 (1971)
Takano, K.: Absence of the Gamma-spindle Loop in the Reinnervated Hind Leg Muscles of the Cat: „Alpha-Muscle" **26** 343 (1976)
Takano, K., see Benecke, R., et al. **27** 271 (1977)
Takano, K., see Kretzschmar, H., et al. **38** 181 (1979/80)
Takeda, K., see Obata, K., et al. **11** 327 (1970)
Takeda, T., Maekawa, K.: Bilateral Visual Inputs to the Dorsal Cap of Inferior Olive: Differential Localization and Inhibitory Interactions **39** 461 (1980)
Talbi, B., see Sapienza, S., et al. **43** 47 (1981)
Talbot, R.J., see Emerson, V.F., et al. **45** 168 (1982)
Tamaki, Y., see Hayashi, Y., et al. **18** 531 (1973)
Tamorova, Z.A., see Shapovalov, A.I., et al. **49** 140 (1983)
Tan, Ü., Ağar, A., Marangoz, C.: Decreased Post-Tetanic Potentiation of Monosynaptic Reflexes by Simultaneous Tetanization of Antagonist Nerves **31** 499 (1978)
Tanaka, K., see Udo, M., et al. **46** 438 (1982)
Tanaka, R.: Reciprocal Ia Inhibition During Voluntary Movements in Man **21** 529 (1974)
Tanaka, R., see Illert, M. **31** 131 (1978)
Tanaka, R., see Grant, G., et al. **38** 87 (1979/80)
Tanaka, R., see Hongo, T., et al. **24** 37 (1975/76)
Tanaka, R., see Illert, M., et al. **33** 101 (1978)
Tanaka, R., see Illert, M., et al. **29** 323 (1977)
Tanaka, R., see Illert, M., et al. **26** 509 (1976)
Tanaka, R., see Illert, M., et al. **26** 521 (1976)
Tanaka, T., see Kitai, S.T., et al. **16** 161 (1972/73)
Tandler, R., see Rubia, F.J. **42** 249 (1981)
Tandy, W.A., see Clemens, J.A., et al. **12** 250 (1971)
Tanizawa, O., see Sakumoto, T., et al. **31** 81 (1978)
Tankov, N., see Pierrot-Deseilligny, E., et al. **42** 337 (1981)
Tappaz, M.L., see Jennes, L., et al. **50** 91 (1983)
Tardy, J., Pasqualini, J.R.: Localization of [^{3}H]-Estradiol and Gonadotropin-Releasing Hormone (GnRH) in the Hypothalamus of the Fetal Guinea-Pig **49** 84 (1983)
Tashiro, T., see Kawamura, S., et al. **31** 95 (1978)
Taskinen, F., see Virsu, V. **23** 65 (1975)
Tat So, Y., Shapley, R.: Spatial Properties of X and Y Cells in the Lateral Geniculate Nucleus of the Cat and Conduction Velocities of their Inputs **36** 533 (1979)
Tat So, Y., see Shapley, R. **39** 41 (1980)
Tatton, W.G., Bawa, P.: Input-output Properties of Motor Unit Responses in Muscles Stretched by Imposed Displacements of the Monkey Wrist **37** 439 (1979)
Tatton, W.G., see Bawa, P. **37** 417 (1979)
Tatton, W.G., see Bruce, I.C. **39** 411 (1980)
Tatton, W.G., see Bruce, I.C. **40** 349 (1980)
Tatton, W.G., see Lee, R.G. **45** 207 (1982)
Taylor, D., Freedman, R., Seiger, Å., Olson, L., Hoffer, B.: Conditions for Adrenergic Hyperinnervation in Hippocampus: II. Electrophysiological Evidence from Intraocular Double Grafts **39** 289 (1980)
Taylor, D., see Olson, L., et al. **35** 47 (1979)
Taylor, D., see Olson, L., et al. **39** 277 (1980)
Tebēcis, A.K., Di Maria, A.: A Re-Evaluation of the Mode of Action of 5-Hydroxytryptamine on Lateral Geniculate Neurones: Comparison with Catecholamines and LSD **14** 480 (1972)
Tebēcis, A.K., see Curtis, D.R. **16** 210 (1972/73)
Tebēcis, A.K., see Hösli, L. **11** 111 (1970)
Tees, R.C., see Midgley, G.C. **41** 316 (1980/81)
Teixeira, R.A., Lackner, J.R.: Influence of Apparent Head Position on Optokinetic Nystagmus and Eye Posture **24** 435 (1975/76)
Telegdy, G., see Kovács, G.L., et al. **38** 357 (1979/80)
Tempesta, E., see Bentivoglio, M., et al. **31** 489 (1978)
Ten Bruggencate, G., Lundberg, A.: Facilitatory Interaction in Transmission to Motoneurones from Vestibulospinal Fibres and Contralateral Primary Afferents **19** 248 (1974)
Terenius, L., see Schwarcz, R., et al. **37** 199 (1979)
Ternaux, J.P., see Lanoir, J., et al. **41** 346 (1980/81)
Teuber, H.-L., see Koerner, F. **18** 88 (1973)
Thalmann, I., see Bledsoe, S.C., Jr., et al. **40** 97 (1980)
Thalmann, R., see Bledsoe, S.C., Jr., et al. **40** 97 (1980)
Thibos, L.N., see Vaney, D.I., et al. **44** 27 (1981)
Thierry, A.M., Chevalier, G., Ferron, A., Glowinski, J.: Diencephalic and Mesencephalic Efferents of the Medial Prefrontal Cortex in the Rat: Electrophysiological Evidence for the Existence of Branched Axons **50** 275 (1983)
Thijssen, J.M., Dongen, P.A.M. van, Laak, H.J. ter: Maintained Activity of Cells in the Tree Shrew's Optic Tract **25** 279 (1976)
Thijssen, J.M., see Dongen, P.A.M. van, et al. **24** 441 (1975/76)
Thoden, U., Dichgans, J., Savidis, Th.: Direction-Specific Optokinetic Modulation of Monosynaptic Hind Limb Reflexes in Cats **30** 155 (1977)
Thoden, U., see Kaspar, J. **44** 401 (1981)
Thomas, G.J., see Brito, G.N.O., et al. **46** 52 (1982)
Thompson, A.M., see Johanson, C.E., et al. **20** 18 (1974)
Thompson, I.D., see Tolhurst, D.J. **48** 217 (1982)
Thompson, I.D., see Emerson, V.F., et al. **45** 168 (1982)
Thompson, I.D., see Tolhurst, D.J., et al. **44** 340 (1981)
Thompson, I.D., see Tolhurst, D.J., et al. **38** 431 (1979/80)
Thompson, I.D., see Tolhurst, D.J., et al. **41** 414 (1980/81)
Thomsen, D., see Daunton, N. **37** 173 (1979)
Thornby, J.I., see Vierck, Ch.J., Jr., et al. **13** 140 (1971)
Thorpe, S.J., Rolls, E.T., Maddison, S.: The Orbitofrontal Cortex: Neuronal Activity in the Behaving Monkey **49** 93 (1983)
Tielen, A.M., Leeuwen, F.W. van, Lopes da Silva, F.H.: The Localization of Leucine-Enkephalin Immunoreactivity Within the Guinea Pig Hippocampus **48** 288 (1982)
Tielen, A.M., Lopes da Silva, F.H., Mollevanger, W.J.,, Jonge F.H. de: Differential Effects of Enkephalin Within Hippocampal Areas **44** 343 (1981)
Tielen, A.M., Lopes da Silva, F.H., Mollevanger, W.J.: Differential Conduction Velocities in Perforant Path Fibres in Guinea Pig **42** 231 (1981)
Tieman, S.B., see Tumosa, N., et al. **47** 119 (1982)
Timberlake, G.T., see Conway, J.L., et al. **43** 229 (1981)
Timney, B., Mitchell, D.E., Giffin, F.: The Development of Vision in Cats after

Extended Periods of Dark-Rearing **31** 547 (1978)
Tixier-Vidal, A., see Benda, P., et al. **23** 29 (1975)
Tizabi, Y., see Massari, V.J., et al. **34** 177 (1978/1979)
Tobin, E.A., see Blakemore, C. **15** 439 (1972)
Tömböl, T., Hajdu, F., Somogyi, Gy.: Identification of the Golgi Picture of Layer VI Cortico-Geniculate Projection Neurons **24** 107 (1975/76)
Tömböl, T., see Somogyi, Gy., et al. **31** 417 (1978)
Tömböl, Th., see Szentágothai, J., et al. **2** 283 (1966)
Tohyama, M., see Sakumoto, T., et al. **31** 81 (1978)
Tohyama, M., see Satoh, K., et al. **30** 175 (1977)
Tohyama, M., see Shimizu, N., et al. **20** 181 (1974)
Tohyama, M., see Shiosaka, S., et al. **39** 377 (1980)
Tokashiki, S., see Toyama, K., et al. **21** 45 (1974)
Tolbert, D.L., Bantli, H., Bloedel, J.R.: Multiple Branching of Cerebellar Efferent Projections in Cats **31** 305 (1978)
Tolbert, D.L., Bantli, H., Bloedel, J.R.: The Intracerebellar Nucleocortical Projection in a Primate **30** 425 (1977)
Tolbert, D.L., Bantli, H.: An HRP and Autoradiographic Study of Cerebellar Corticonuclear-nucleocortical Reciprocity in the Monkey **36** 563 (1979)
Tolhurst, D.J., Dean, A.F., Thompson, I.D.: Preferred Direction of Movement as an Element in the Organization of Cat Visual Cortex **44** 340 (1981)
Tolhurst, D.J., Movshon, J.A., Thompson, I.D.: The Dependence of Response Amplitude and Variance of Cat Visual Cortical Neurones on Stimulus Contrast **41** 414 (1980/81)
Tolhurst, D.J., Thompson, I.D.: Organization of Neurones Preferring Similar Spatial Frequencies in Cat Striate Cortex **48** 217 (1982)
Tolhurst, D.J., Walker, N.S., Thompson, I.D., Dean, A.F.: Non-linearities of Temporal Summation in Neurones in Area 17 of the Cat **38** 431 (1979/80)
Tolhurst, D.J., see Dean, A.F., et al. **45** 456 (1982)
Tomko, D.L., Barbaro, N.M., Ali, F.N.: Effect of Body Tilt on Receptive Field Orientation of Simple Visual Cortical Neurons in Unanesthetized Cats **43** 309 (1981)
Tomko, D.L., Peterka, R.J., Schor, R.H.: Responses to Head Tilt in Cat Eighth Nerve Afferents **41** 216 (1980/81)
Tomlinson, R.D., see Schwarz, D.W.F. **27** 101 (1977)
Torebjörk, H.E., Hallin, R.G.: Perceptual Changes Accompanying Controlled Preferential Blocking of A and C Fibre Responses in Intact Human Skin Nerves **16** 321 (1972/73)
Torebjörk, H.E., see Hallin, R.G. **16** 309 (1972/73)
Tornyos, S., see Knyihár, E., et al. **19** 529 (1974)
Torre, V., Pasino, E., Capovilla, M., Cervetto, L.: Rod Photoresponses in the Absence of External Sodium in Retinae Treated with Phosphodiesterase Inhibitors **44** 427 (1981)
Tower, D.B.: Ouabain and the Distribution of Calcium and Magnesium in Cerebral Tissues in Vitro **6** 273 (1968)
Toyama, K., Matsunami, K., Ohno, T., Tokashiki, S.: An Intracellular Study of Neuronal Organization in the Visual Cortex **21** 45 (1974)
Toyama, K., Tsukahara, N., Kosaka, K., Matsunami, K.: Synaptic Excitation of Red Nucleus Neurones by Fibres from Interpositus Nucleus **11** 187 (1970)
Toyama, K., Tsukahara, N., Udo, M.: Nature of the Cerebellar-Influences upon the Red Nucleus Neurones **4** 292 (1967/68)
Toyama, K., see Allen, G.I., et al. **24** 15 (1975/76)
Toyama, K., see Allen, G.I., et al. **29** 123 (1977)
Toyama, K., see Tsukahara, N., et al. **4** 18 (1967/68)
Tozalakian, P.V., Csillag, A.: The Effect of γ-Aminobutyric Acid on the Potassium Movements of Rat Cortical Synaptosomes **46** 24 (1982)
Tracey, D., see Darlot, C., et al. **41** 420 (1980/81)
Tracey, D.J.: Characteristics of Wrist Joint Receptors in the Cat **34** 165 (1978/1979)
Tracey, D.J., see Horne, M.K. **36** 129 (1979)
Tracey, D.J., see McIntyre, A.K., et al. **33** 415 (1978)
Trachtenberg, M.C., see Buchwald, N.A., et al. **4** 58 (1967/68)
Trauner, D.A., see Cohen, D.H. **7** 133 (1969)
Trefz, B.R., see Frommer, G.P., et al. **27** 113 (1977)
Tremain, K.E., Ikeda, H.: Relationship Between Amblyopia, LGN Cell ‚Shrinkage' and Cortical Ocular Dominance in Cats **45** 243 (1982)
Tremain, K.E., see Ikeda, H. **31** 193 (1978)
Tremain, K.E., see Ikeda, H. **35** 559 (1979)
Tremain, K.E., see Ikeda, H., et al. **31** 207 (1978)
Tremblay, J.P., Philippe, E.: Morphological Changes in Presynaptic Terminals of the Chick Ciliary Ganglion After Stimulation in vivo. A Stereological Study Showing a Net Loss of Total Membrane **43** 439 (1981)
Tretter, F., see Singer, W. **26** 171 (1976)
Trevino, D., see Konietzny, F., et al. **42** 219 (1981)
Trevino, D.L., see Bryan, R.N., et al. **17** 177 (1973)
Triller, A., Korn, H.: Interneuronal Transfer of Horseradish Peroxidase Associated with Exo/Endocytotic Activity on Adjacent Membranes **43** 233 (1981)
Trojanowski, J.Q., Jacobson, S.: The Morphology and Laminar Distribution of Cortico-Pulvinar Neurons in the Rhesus Monkey **28** 51 (1977)
Trott, J.R., see Ellaway, P.H. **22** 145 (1975)
Trotter, Y., see Frégnac, Y., et al. **42** 453 (1981)
Trouche, E., Beaubaton, D.: Initiation of a Goal-directed Movement in the Monkey. Role of the Cerebellar Dentate Nucleus **40** 311 (1980)
Trouche, E., see Beaubaton, D. **46** 127 (1982)
Trouche, E., see Hepp-Reymond, M.-C., et al. **21** 519 (1974)
Tsuchitani, Ch., see Boudreau, J.C., et al. **13** 461 (1971)
Tsuchiya, T., see Highstein, S.M., et al. **13** 306 (1971)
Tsukada, Y., see Nagata, Y. **5** 202 (1968)
Tsukahara, N., Fujito, Y., Oda, Y., Maeda, J.: Formation of Functional Synapses in the Adult Cat Red Nucleus from the Cerebrum Following Cross-Innervation of Forelimb Flexor and Extensor Nerves. I. Appearance of New Synaptic Potentials **45** 1 (1982)
Tsukahara, N., Kosaka, K.: The Mode of Cerebral Excitation of Red Nucleus Neurons **5** 102 (1968)
Tsukahara, N., Murakami, F., Hultborn, H.: Electrical Constants of Neurons of the Red Nucleus **23** 49 (1975)
Tsukahara, N., Toyama, K., Kosaka, K.: Electrical Activity of Red Nucleus Neurones Investigated with Intracellular Microelectrodes **4** 18 (1967/68)
Tsukahara, N., see Fujito, Y., et al. **45** 13 (1982)
Tsukahara, N., see Kitai, S.T., et al. **7** 1 (1969)
Tsukahara, N., see Kitai, S.T., et al. **16** 161 (1972/73)
Tsukahara, N., see Murakami, F., et al. **30** 245 (1977)
Tsukahara, N., see Murakami, F., et al. **30** 233 (1977)
Tsukahara, N., see Toyama, K., et al. **11** 187 (1970)
Tsukahara, N., see Toyama, K., et al. **4** 292 (1967/68)
Tsumoto, T., Creutzfeldt, O.D., Legéndy, C.R.: Functional Organization of the Corticofugal System from Cortex to Lateral Geniculate Nucleus in the Cat (With an Appendix on geniculo-cortical mono-synaptic connections) **32** 345 (1978)

Tsumoto, T., Eckart, W., Creutzfeldt, O.D.: Modification of Orientation Sensitivity of Cat Visual Cortex Neurons by Removal of GABA-Mediated Inhibition **34** 351 (1978/1979)
Tsumoto, T., Freeman, R.D.: Ocular Dominance in Kitten Cortex: Induced Changes of Single Cells While They are Recorded **44** 347 (1981)
Tsumoto, T., Freeman, R.D.: Effects of Strabismus on Development of Cortico-Geniculate Projections in the Kitten **44** 337 (1981)
Tsumoto, T., Nakamura, S., Iwama, K.: Pyramidal Tract Control over Cutaneous and Kinesthetic Sensory Transmission in the Cat Thalamus **22** 281 (1975)
Tsumoto, T., Nakamura, S.: Inhibitory Organization on the Thalamic Ventrobasal Neurons with Different Peripheral Representations **21** 195 (1974)
Tsumoto, T., Suda, K.: Effects of Early Monocular Deprivation on Development of Cortico-geniculate Projections in the Cat **43** 451 (1981)
Tsumoto, T., Suda, K.: Laminar Differences in Development of Afferent Innervation to Striate Cortex Neurones in Kittens **45** 433 (1982)
Tsumoto, T., Suzuki, D.A.: Effects of Frontal Eye Field Stimulation upon Activities of the Lateral Geniculate Body of the Cat **25** 291 (1976)
Tsumoto, T.: Characteristics of the Thalamic Ventrobasal Relay Neurons as a Function of Conduction Velocities of the Medial Lemniscal Fibers **21** 211 (1974)
Tucker, G.S., Hamasaki, D.I., Labbie, A., Bradford, N.: Physiologic and Anatomic Development of the Photoreceptors of Normally-reared and Dark-reared Rabbits **48** 263 (1982)
Tucker, G.S., Hamasaki, D.I., Labbie, A., Muroff, J.: Anatomic and Physiologic Development of the Photoreceptor of the Kitten **37** 459 (1979)
Tulunay-Keesey, U., see Hess, R.F., et al. **44** 295 (1981)
Tuma, G., see Nashner, L.M., et al. **36** 463 (1979)
Tumosa, N., Tieman, S.B., Hirsch, H.V.B.: Visual Field Deficits in Cats Reared with Unequal Alternating Monocular Exposure **47** 119 (1982)
Tyč-Dumont, S., see Horcholle, G. **5** 16 (1968)
Tyč-Dumont, S., see Horcholle-Bossavit, G. **8** 201 (1969)
Tyć-Dumont, S., see Horcholle-Bossavit, G. **13** 327 (1971)
Tyć-Dumont, S., see Gogan, P., et al. **21** 139 (1974)
Tyć-Dumont, S., see Gogan, P., et al. **44** 409 (1981)
Tyć-Dumont, S., see Grant, K., et al. **34** 541 (1978/1979)
Tyć-Dumont, S., see Grant, K., et al. **26** 387 (1976)
Tyć-Dumont, S., see Grant, K., et al. **26** 367 (1976)
Tyler, C.W., Apkarian, P., Nakayama, K.: Multiple Spatial-Frequency Tuning of Electrical Responses from Human Visual Cortex **33** 535 (1978)
Tyler, C.W., Julesz, B.: On the Depth of the Cyclopean Retina **40** 196 (1980)
Tyler, C.W., Kaitz, M.: Movement Adaptation in the Visual Evoked Response **27** 203 (1977)

U

Uchino, Y., Hirai, N., Watanabe, S.: Vestibulo-ocular Reflex from the Posterior Canal Nerve to Extraocular Motoneurons in the Cat **32** 377 (1978)
Uchino, Y., Suzuki, S., Watanabe, S.: Vertical Semicircular Canal Inputs to Cat Extraocular Motoneurons **41** 45 (1980/81)
Uchino, Y., see Kasahara, M. **20** 285 (1974)
Uchino, Y., see Wilson, V.J., et al. **32** 1 (1978)
Uchizono, K.: Synaptic Organization of the Purkinje Cells in the Cerebellum of the Cat **4** 97 (1967/68)
Uddenberg, N.: Differential Localization in Dorsal Funiculus of Fibres Originating from Different Receptors **4** 367 (1967/68)
Uddenberg, N.: Functional Organization of Long, Second-order Afferents in the Dorsal Funiculus **4** 377 (1967/68)
Udin, S.B., Gaze, R.M.: Expansion and Retinotopic Order in the Goldfish Retinotectal Map After Large Retinal Lesions **50** 347 (1983)
Udin, S.B., Schneider, G.E.: Compressed Retinotectal Projection in Hamsters: Fewer Ganglion Cells Project to Tectum After Neonatal Tectal Lesions **43** 261 (1981)
Udo, M., Kamei, H., Matsukawa, K., Tanaka, K.: Interlimb Coordination in Cat Locomotion Investigated with Perturbation. II. Correlates in Neuronal Activity of Deiter's Cells of Decerebrate Walking Cats **46** 438 (1982)
Udo, M., Matsukawa, K., Kamei, H., Minoda, K., Oda, Y.: Simple and Complex Spike Activities of Purkinje Cells During Locomotion in the Cerebellar Vermal Zones of Decerebrate Cats **41** 292 (1980/81)
Udo, M., see Baldissera, F., et al. **15** 133 (1972)
Udo, M., see Baldissera, F., et al. **15** 151 (1972)
Udo, M., see Ito, M., et al. **11** 29 (1970)
Udo, M., see Ito, M., et al. **10** 64 (1970)
Udo, M., see Ito, M., et al. **12** 223 (1971)
Udo, M., see Ito, M., et al. **8** 249 (1969)
Udo, M., see Ito, M., et al. **6** 247 (1968)
Udo, M., see Ito, M., et al. **4** 310 (1967/68)
Udo, M., see Matsukawa, K., et al. **46** 425 (1982)
Udo, M., see Toyama, K., et al. **4** 292 (1967/68)
Ueki, A.: The Mode of Nigro-Thalamic Transmission Investigated with Intracellular Recording in the Cat **49** 116 (1983)
Ungerleider, L.G., Ganz, L., Pribram, K.H.: Size Constancy in Rhesus Monkeys: Effects of Pulvinar, Prestriate, and Inferotemporal Lesions **27** 251 (1977)
Ungerstedt, U., see Schultz, W. **33** 159 (1978)
Uno, M., Ozawa, N., Yoshida, M.: The Mode of Pallido-Thalamic Transmission Investigated with Intracellular Recording from Cat Thalamus **33** 493 (1978)
Uno, M., Yoshida, M., Hirota, I.: The Mode of Cerebello-Thalamic Relay Transmission Investigated with Intracellular Recording from Cells of the Ventrolateral Nucleus of Cat's Thalamus **10** 121 (1970)
Urban, I., Wied, D. de: Changes in Excitability of the Theta Activity Generating Substrate by ACTH 4-10 in the Rat **24** 325 (1975/76)
Urban, P.F., see Pasantes-Morales, H., et al. **19** 131 (1974)
Urbano, A., see Giuffrida, R., et al. **39** 261 (1980)
Urbano, A., see Perciavalle, V., et al. **33** 241 (1978)
Urbas, J.V., see Vidyasagar, T.R. **46** 157 (1982)

V

Vahle-Hinz, C., see Gottschaldt, K.-M. **45** 459 (1982)
Valases, C., Wright, S.J., Jr., Catravas, G.N.: Diurnal Changes in Cyclic Nucleotide Levels in the Hypothalamus of the Rat **40** 261 (1980)
Valberg, A., Spillmann, L.: Foveal Inhibition and Facilitation Caused by Remote Grating Jerks: Interaction Between Long-Range and Short-Range Effects **46** 89 (1982)
Valverde, F.: Structural Changes in the Area Striata of the Mouse After Enucleation **5** 274 (1968)
Valverde, F.: Apical Dendritic Spines of the Visual Cortex and Light Deprivation in the Mouse **3** 337 (1967)
Valverde, F., Ruiz-Marcos, A.: Dendritic Spines in the Visual Cortex of the Mouse: Introduction to a Mathematical Model **8** 269 (1969)
Valverde, F., see Ruiz-Marcos, A. **8** 284 (1969)
Van der Loos, H., see Steffen, H. **40** 419 (1980)
Van der Loos, H., see Glaser, E.M., et al. **36** 411 (1979)

Van Gisbergen, J.A.M., Grashuis, J.L., Johannesma, P.I.M., Vendrik, A.J.H.: Spectral and Temporal Characteristics of Activation and Suppression of Units in the Cochlear Nuclei of the Anaethetized Cat **23** 367 (1975)

Van Gisbergen, J.A.M., Grashuis, J.L., Johannesma, P.I.M., Vendrik, A.J.H.: Neurons in the Cochlear Nucleus Investigated with Tone and Noise Stimuli **23** 387 (1975)

Van Gisbergen, J.A.M., Grashuis, J.L., Johannesma, P.I.M., Vendrik, A.J.H.: Statistical Analysis and Interpretation of the Initial Response of Cochlear Nucleus Neurons to Tone Bursts **23** 407 (1975)

Van Hoesen, G.W., see Pandya, D.N., et al. **42** 319 (1981)

Van Hoesen, G.W., see West, J.R., et al. **48** 209 (1982)

Van Itallie, C., see Chan-Palay, V., et al. **30** 561 (1977)

Van Sluyters, R.C., Stewart, D.L.: Binocular Neurons of the Rabbit's Visual Cortex:Effects of Monocular Sensory Deprivation **19** 196 (1974)

Van Sluyters, R.C., see Blakemore, C., et al. **31** 561 (1978)

Van Sluyters, R.C., see Mitchell, D.E., et al. **25** 109 (1976)

Van Sluyters, R.C., Stewart, D.L.: Binocular Neurons of the Rabbit's Visual Cortex: Receptive Field Characteristics **19** 166 (1974)

VanderMaelen, C.P., see Kocsis, J.D. **36** 381 (1979)

Vanegas, H., Williams, B., Freeman, J.A.: Responses to Stimulation of Marginal Fibers in the Teleostean Optic Tectum **34** 335 (1978/1979)

Vaney, D.I., Hughes, A.: Single Unit Receptive Fields in Rabbit Primary Binocular Cortex **46** 257 (1982)

Vaney, D.I., Levick, W.R., Thibos, L.N.: Rabbit Retinal Ganglion Cells. Receptive Field Classification and Axonal Conduction Properties **44** 27 (1981)

Vanni-Mercier, G., Magnin, M.: Single Neuron Activity Related to Natural Vestibular Stimulation in the Cat's Visual Cortex **45** 451 (1982)

Vanni-Mercier, G., Magnin, M.: Retinotopic Organization of Extra-retinal Saccade-related Input to the Visual Cortex in the Cat **46** 368 (1982)

Vanni-Mercier, G., see Sakai, K., et al. **49** 311 (1983)

Varpula, T., see Hari, R., et al. **40** 237 (1980)

Vaughan, H.G., Jr., Gross, C.G.: Cortical Responses to Light in Unanaesthetized Monkeys and their Alteration by Visual System Lesions **8** 19 (1969)

Vautin, R.G., see Bauer, R., et al. **50** 133 (1983)

Vautin, R.G., see Bauer, R., et al. **41** 54 (1980/81)

Vautin, R.G., see Dow, B.M., et al. **44** 213 (1981)

Veale, J.L., see McIntyre, A.K., et al. **4** 243 (1967/68)

Vécsei, L., see Kovács, G.L., et al. **38** 357 (1979/80)

Vedel, J.P., Coulmance, M.: Modulation de l'Activité des Terminaisons Fusoriales Primaires et Secondaires du Muscle Tibial Antérieur au Cours de Contractions Induites par Stimulation du Noyau Caudé **22** 129 (1975)

Vedel, J.P., Mouillac-Baudevin, J.: Etude fonctionnelle du contrôle de l'acivité des fibres fusimotrices dynamiques et statiques par les formations réticulées mésencéphalique, pontique et bulbaire chez le Chat **9** 325 (1969)

Vedel, J.P., Mouillac-Baudevin, J.: Contrôle de l'activité des fibres fusimotrices dynamiques et statiques par la formation réticulée mésencéphalique chez le Chat **9** 307 (1969)

Vedel, J.P., Mouillac-Baudevin, J.: Contrôle pyramidal de l'activité des fibres fusimotrices dynamiques et statiques chez le Chat – *Pyramidal Control of the Dynamic and Static Fusimotor Fibres Activity in the Cat* **10** 39 (1970)

Vedel, J.P.: Effets des Stimulations du Noyau Caudé sur l'Activité des Terminaisons Fusoriales Primaires et Secondaires du Muscle Soléaire **22** 113 (1975)

Vedel, J.P., see Roll, J.P. **47** 177 (1982)

Vendrik, A.J.H., see Coenen, A.M.L. **14** 227 (1972)

Vendrik, A.J.H., see Gerrits, H.J.M. **11** 411 (1970)

Vendrik, A.J.H., see Moors, J. **35** 349 (1979)

Vendrik, A.J.H., see Moors, J. **35** 333 (1979)

Vendrik, A.J.H., see Coenen, A.M.L., et al. **15** 452 (1972)

Vendrik, A.J.H., see Dongen, P.A.M. van, et al. **24** 441 (1975/76)

Vendrik, A.J.H., see Moors, J., et al. **19** 343 (1974)

Vendrik, A.J.H., see Van Gisbergen, J.A.M., et al. **23** 407 (1975)

Vendrik, A.J.H., see Van Gisbergen, J.A.M., et al. **23** 367 (1975)

Vendrik, A.J.H., see Van Gisbergen, J.A.M., et al. **23** 387 (1975)

Venverloh, J., see Levi, D.M., et al. **43** 270 (1981)

Verbeke, O., see Duysens, J., et al. **45** 285 (1982)

Verburgh, C.A., see Catsman-Berrevoets, C.E., et al. **39** 433 (1980)

Verderevskaya, N.N., see Alexeenko, N.Y. **26** 495 (1976)

Verhey, B.A., see Kernell, D., et al. **50** 211 (1983)

Verhey, B.A., see Kernell, D., et al. **50** 220 (1983)

Viala, D., Freton, E.: Evidence for Respiratory and Locomotor Pattern Generators in the Rabbit Cervico-Thoracic Cord and for Their Interactions **49** 247 (1983)

Viala, G., Buser, P.: Inhibition des Activités Spinales à Caractère Locomoteur par une Modalité Particulière de Stimulation Somatique Chez le Lapin **21** 275 (1974)

Viala, G., Buser, P.: Activités Locomotrices Rhythmiques Stéréotypées chez le Lapin sous Anesthésie Légère. Etude de leurs caractéristiques générales – *Stereotyped Rhythmic Motor Activities in the Rabbit* **8** 346 (1969)

Viala, G., Orsal, D., Buser, P.: Cutaneous Fiber Groups Involved in the Inhibition of Fictive Locomotion in the Rabbit **33** 257 (1978)

Vibert, J.F., see Bertrand, F., et al. **16** 383 (1972/73)

Vicario, D., see Ghez, C. **33** 173 (1978)

Vicario, D., see Ghez, C. **33** 191 (1978)

Vickers, G.R., Dowdall, M.J.: Calcium Uptake in Preterminal Central Synapses: Importance of Mitochondria **25** 429 (1976)

Vidal, P.P., Lacour, M., Berthoz, A.: Contribution of Vision to Muscle Responses in Monkey During Free-fall: Visual Stabilization Decreases Vestibular-dependent Responses **37** 241 (1979)

Vidal, P.P., Roucoux, A., Berthoz, A.: Horizontal Eye Position-related Activity in Neck Muscles of the Alert Cat **46** 448 (1982)

Vidal, P.P., see Lacour, M., et al. **43** 383 (1981)

Vidyasagar, T.R., Urbas, J.V.: Orientation Sensitivity of Cat LGN Neurones with and Without Inputs from Visual Cortical Areas 17 and 18 **46** 157 (1982)

Vierck, Ch.J., Jr.: Tactile Movement Detection and Discrimination Following Dorsal Column Lesions in Monkeys **20** 331 (1974)

Vierck, Ch.J., Jr., Hamilton, D.M., Thornby, J.I.: Pain Reactivity of Monkeys after Lesions to the Dorsal and Lateral Columns of the Spinal Cord **13** 140 (1971)

Viles, J.M., see Brown, D.F. **40** 464 (1980)

Vilis, T., Cooke, J.D.: Modulation of the Functional Stretch Reflex by the Segmental Reflex Pathway **25** 247 (1976)

Villalobos, J., see Gioanni, H., et al. **50** 248 (1983)

Villalobos, J., see Gioanni, H., et al. **44** 362 (1981)

Villalobos, J., see Gioanni, H., et al. **50** 237 (1983)

Villar, M.J., see Pasquier, D.A. **48** 409 (1982)

Villis, T., see Hore, J. **39** 217 (1980)

Vincent, J.D., see Poulain, D.A., et al. **42** 260 (1981)

Virsu, V., Lee, B.B., Creutzfeldt, O.D.:

Dark Adaptation and Receptive Field Organisation of Cells in the Cat Lateral Geniculate Nucleus **27** 35 (1977)
Virsu, V., Rovamo, J.: Visual Resolution, Contrast Sensitivity, and the Cortical Magnification Factor **37** 475 (1979)
Virsu, V., Taskinen, F.: Central Inhibitory Interactions in Human Vision **23** 65 (1975)
Virsu, V., see Rovamo, J. **37** 495 (1979)
Virsu, V., see Lee, B.B., et al. **27** 51 (1977)
Vital-Durand, F., Jeannerod, M.: Role of Visual Experience in the Development of Optokinetic Response in Kittens **20** 297 (1974)
Vital-Durand, F., see Berthoz, A., et al. **23** 425 (1975)
Vögele, H., see Allum, J.H.J., et al. **48** 153 (1982)
Vörös, G., see Székely, G., et al. **9** 53 (1969)
Voigt, K.H., see Fehm, H.L., et al. **39** 229 (1980)
Volchan, E., Gonzaga Gawryszewski, L. de, Rocha-Miranda, C.E.: Visuotopic Organization of the Superior Colliculus of the Opossum **46** 263 (1982)
Volkind, R.A., see Llinás, R. **18** 69 (1973)
Volkind, R.A., see Precht, W., et al. **27** 143 (1977)
Vollrath, L., see Karasek, M. **46** 205 (1982)
Vollrath, L., see Semm, P., et al. **43** 361 (1981)
Vollrath, L., see Welker, H.A., et al. **50** 426 (1983)
Vollrath, M., see Hellweg, F.C., et al. **29** 467 (1977)
Voorhoeve, P.E., see Yokota, T. **9** 96 (1969)

W

Wachtel, G.M., see Wyman, R.J., et al. **20** 101 (1974)
Waelsch, H., see Naruse, H., et al. **1** 284 (1966)
Waelsch, H., see Naruse, H., et al. **1** 291 (1966)
Waelsch, H., see Naruse, H., et al. **1** 40 (1966)
Waespe, W., Büttner, U., Henn, V.: Visual-vestibular Interaction in the Flocculus of the Alert Monkey. I. Input Activity **43** 337 (1981)
Waespe, W., Cohen, B., Raphan, T.: Role of the Flocculus and Paraflocculus in Optokinetic Nystagmus and Visual-Vestibular Interactions: Effects of Lesions **50** 9 (1983)
Waespe, W., Henn, V.: Vestibular Nuclei Activity during Optokinetic After-Nystagmus (OKAN) in the Alert Monkey **30** 323 (1977)
Waespe, W., Henn, V.: Visual-vestibular Interaction in the Flocculus of the Alert Monkey. II. Purkinje Cell Activity **43** 349 (1981)
Waespe, W., Henn, V.: The Velocity Response of Vestibular Nucleus Neurons During Vestibular, Visual, and Combined Angular Acceleration **37** 337 (1979)
Waespe, W., Henn, V.: Neuronal Activity in the Vestibular Nuclei of the Alert Monkey during Vestibular and Optokinetic Stimulation **27** 523 (1977)
Waespe, W., Henn, V.: Conflicting Visual-Vestibular Stimulation and Vestibular Nucleus Activity in Alert Monkeys **33** 203 (1978)
Waespe, W., see Büttner, U. **41** 310 (1980/81)
Wässle, H.: A Stereotaxic Headholder for Visual Neurophysiology **23** 151 (1975)
Wässle, H., see Kirk, D.L., et al. **23** 85 (1975)
Wagner, A., see Chung, J.W., et al. **28** 345 (1977)
Wagner, A., see Frotscher, M., et al. **41** 329 (1980/81)
Wagner, A., see Hassler, R., et al. **31** 67 (1978)
Wagner, A., see Kataoka, K., et al. **19** 217 (1974)
Wagner, A., see Misgeld, U., et al. **45** 108 (1982)
Wagner, A., see Somogyi, Gy., et al. **43** 447 (1981)
Wagner, H.-J., see Mergner, T., et al. **44** 455 (1981)
Waite, P.M.E., see Proske, U. **26** 325 (1976)
Wakerley, J.B., see Haller, E.W., et al. **33** 131 (1978)
Walberg, F., Brodal, A., Hoddevik, G.H.: A Note on the Method of Retrograde Transport of Horseradish Peroxidase as a Tool in Studies of Afferent Cerebellar Connections, Particularly those from the Inferior Olive; with Comments on the Orthograde Transport in Purkinje Cell Axons **24** 383 (1975/76)
Walberg, F.: Descending Connections from the Mesencephalon to the Inferior Olive: An Experimental Study in the Cat **20** 145 (1974)
Walberg, F., Nordby, T., Dietrichs, E.: A Note on the Anterograde Transport of Horseradish Peroxidase Within the Olivocerebellar Fibers **40** 233 (1980)
Walberg, F.: The Trigemino-olivary Projection in the Cat as Studied with Retrograde Transport of Horseradish Peroxidase **45** 101 (1982)
Walberg, F.: The Fine Structure of the Cuneate Nucleus in Normal Cats and Following Interruption of Afferent Fibres. An Electron Microscopical Study with Particular Reference to Findings Made in Glees and Nauta Sections **2** 107 (1966)
Walberg, F.: Olivary Afferents from the Brain Stem Reticular Formation **47** 130 (1982)
Walberg, F., see Brodal, P. **29** 233 (1977)
Walberg, F., see Dietrichs, E. **50** 353 (1983)
Walberg, F., see Hoddevik, G.H. **34** 233 (1978/1979)
Walberg, F., see Kotchabhakdi, N. **31** 591 (1978)
Walberg, F., see Mugnaini, E. **4** 212 (1967/68)
Walberg, F., see Holländer, H., et al. **7** 95 (1969)
Walberg, F., see Kotchabhakdi, N., et al. **31** 13 (1978)
Walberg, F., see Kotchabhakdi, N., et al. **40** 405 (1980)
Walberg, F., see Mugnaini, E., et al. **4** 187 (1967/68)
Walberg, F., see Mugnaini, E., et al. **4** 146 (1967/68)
Walberg, F., see Somana, R., et al. **38** 57 (1979/80)
Wald, A., Hochwald, G.M., Malhan, C.: The Effects of Ventricular Fluid Osmolality on Bulk Flow of Nascent Fluid into the Cerebral Ventricles of Cats **25** 157 (1976)
Walden, J.G., see Eidelberg, E., et al. **42** 81 (1981)
Waldron, I., see Wyman, R.J., et al. **20** 101 (1974)
Walker, N.S., see Dean, A.F., et al. **45** 456 (1982)
Walker, N.S., see Tolhurst, D.J., et al. **38** 431 (1979/80)
Wall, P.D., see Fitzgerald, M. **41** 36 (1980/81)
Wall, P.D., see Heimer, L. **6** 89 (1968)
Wall, P.D., see Hillman, P. **9** 284 (1969)
Wallace, M., Blair, S.M., Westheimer, G.: Neural Pathways Common to Vestibular and Optokinetic Eye Movements **33** 19 (1978)
Wallace, R.B., Graziadei, R., Werboff, J.: Behavioral Correlates of Focal Hippocampal X-Irradiation in Rats II. Behavior Related to Adaptive Function in a Natural Setting **43** 207 (1981)
Wallace, R.B., Kaplan, R.F., Werboff, J.: Behavioral Correlates of Focal Hippocampal X-Irradiation in Rats **24** 343 (1975/76)
Wallén, P.: On the Mechanisms of a Phase-dependent Reflex Occuring During Locomotion in Dogfish **39** 193 (1980)
Wallén, P., see Cohen, A.H. **41** 11 (1980/81)
Wallén, P., see Grillner, S., et al. **30** 1 (1977)
Wallman, J., see Burns, S. **42** 171 (1981)
Walmsley, B., see Kanda, K., et al. **29** 57 (1977)
Walsh, K.E., see DeVito, J.L., et al. **38** 65 (1979/80)
Walsh, R.J., see Houten, M. van, et al. **38** 455 (1979/80)

Walsh, R.J., see Posner, B.I., et al. **49** 300 (1983)
Wand, P., Prochazka, A., Sontag, K.-H.: Neuromuscular Responses to Gait Perturbations in Freely Moving Cats **38** 109 (1979/80)
Wang, Y.-K., see Diao, Y.-C., et al. **49** 410 (1983)
Ward, R., Weiskrantz, L.: Impaired Discrimination Following Polarisation of the Striate Cortex **9** 346 (1969)
Wark, R.C., see Peck, C.K. **44** 317 (1981)
Wark, R.C., see Peck, C.K., et al. **41** 61 (1980/81)
Warshaw, I., see Finger, S., et al. **10** 340 (1970)
Wassermeyer, B., see Fallert, M. **30** 339 (1977)
Watabe, K., Nakai, K., Kasamatsu, T.: Visual Afferents to Norepinephrine-containing Neurons in Cat Locus coeruleus **48** 66 (1982)
Watanabe, S., Creutzfeldt, O.D.: Spontane postsynaptische Potentiale von Nervenzellen des motorischen Cortex der Katze **1** 48 (1966)
Watanabe, S., Konishi, M., Creutzfeldt, O.D.: Postsynaptic Potentials in the Cat's Visual Cortex Following Electrical Stimulation of Afferent Pathways **1** 272 (1966)
Watanabe, S., see Guedes, R., et al. **49** 13 (1983)
Watanabe, S., see Hayashi, R., et al. **43** 217 (1981)
Watanabe, S., see Uchino, Y., et al. **41** 45 (1980/81)
Watanabe, S., see Uchino, Y., et al. **32** 377 (1978)
Watanabe, T., Yanagisawa, K., Kanzaki, J., Katsuki, Y.: Cortical Efferent Flow Influencing Unit Responses of Medial Geniculate Body to Sound Stimulation **2** 302 (1966)
Waters, R.S., Asanuma, H.: Movement of Facial Muscles Following Intra-cortical Microstimulation (ICMS) Along the Lateral Branch of the Posterior Bank of the Ansate Sulcus, Area 5a and 5b, in the Cat **50** 459 (1983)
Waters, R.S., Favorov, O., Asanuma, H.: Physiological Properties and Pattern of Projection of Cortico-Cortical Connections from the Anterior Bank of the Ansate Sulcus to the Motor Cortex, Area 4γ, in the Cat **46** 403 (1982)
Waters, R.S., Favorov, O., Mori, A., Asanuma, H.: Pattern of Projection and Physiological Properties of Cortico-cortical Connections from the Posterior Bank of the Ansate Sulcus to the Motor Cortex, Area 4γ, in the Cat **48** 335 (1982)
Watkins, D.W., Berkley, M.A.: The Orientation Selectivity of Single Neurons in Cat Striate Cortex **19** 433 (1974)
Watkins, J.C., see Davies, J. **49** 280 (1983)
Watkins, J.C., see Biscoe, T.J., et al. **26** 547 (1976)
Watkins, J.C., see Curtis, D.R., et al. **2** 97 (1966)
Watson, C.R.R., see Provis, J.M. **44** 82 (1981)
Waxman, S.G., see Swadlow, H.A., et al. **32** 439 (1978)
Waxman, S.G., see Swadlow, H.A., et al. **33** 455 (1978)
Webber, Ch.L., Jr., Wurster, R.D., Chung, J.M.: Cat Phrenic Nucleus Architecture as Revealed by Horseradish Peroxidase Mapping **35** 395 (1979)
Webster, W.R., see Bock, G.R. **21** 387 (1974)
Wechsler, W., see Braun, M., et al. **25** 93 (1976)
Weese, D.G., Neimand, D., Finger, S.: Cortical Lesions and Somesthesis in Rats: Effects of Training and Overtraining Prior to Surgery **16** 542 (1972/73)
Wegener, G.: Autoradiographische Untersuchungen über gesteigerte Proteinsynthese im Tectum opticum von Fröschen nach optischer Reizung – *Enhancement of Protein Synthesis in the Optic Tectum of Frogs Following Light Stimulation* **10** 363 (1970)
Weidenfeld, J., Siegel, R.A., Feldman, S., Conforti, N., Chowers, I.: ACTH and Corticosterone Secretion Following Insulin in Intact and in Variously Hypothalamic Deafferentated Male Rats **48** 306 (1982)
Weidenfeld, J., see Puder, M., et al. **46** 85 (1982)
Weight, F., see Lundberg, A. **12** 295 (1971)
Weight, F., see Burke, R., et al. **12** 283 (1971)
Weiler, M.H., see Misgeld, U., et al. **39** 401 (1980)
Weinberg, H., see Deecke, L., et al. **48** 144 (1982)
Weinberg, J., see Kitai, S.T. **6** 234 (1968)
Weir, M.A., see Willis, W.D., et al. **17** 169 (1973)
Weisberg, J.A., Rustioni, A.: Cortical Cells Projecting to the Dorsal Column Nuclei of Rhesus Monkeys **28** 521 (1977)
Weiskrantz, L., see Ward, R. **9** 346 (1969)
Weiss, M., Pellet, J.: Raphe – Cerebellum Interactions. I. Effects of Cerebellar Stimulation and Harmaline Administration on Single Unit Activity of Midbrain Raphe Neurons in the Rat **48** 163 (1982)
Weiss, M., Pellet, J.: Raphe – Cerebellum Interactions. II. Effects of Midbrain Raphe Stimulation and Harmaline Administration on Single Unit Activity of Cerebellar Cortical Cells in the Rat **48** 171 (1982)
Welker, H.A., Semm, P., Willig, R.P., Commentz, J.C., Wiltschko, W., Vollrath, L.: Effects of an Artificial Magnetic Field on Serotonin N-Acetyltransferase Activity and Melatonin Content of the Rat Pineal Gland **50** 426 (1983)
Wenzel, J., see Frotscher, M., et al. **30** 549 (1977)
Werboff, J., see Wallace, R.B., et al. **43** 207 (1981)
Werboff, J., see Wallace, R.B., et al. **24** 343 (1975/76)
Werner, J., see Haas, R.J. **18** 59 (1973)
Werner, J., see Jahns, R. **21** 107 (1974)
West, J.R., Van Hoesen, G.W., Kosel, K.C.: A Demonstration of Hippocampal Mossy Fiber Axon Morphology Using the Anterograde Transport of Horseradish Peroxidase **48** 209 (1982)
West, M.O., Christian, E., Robinson, J.H., Deadwyler, S.A.: Dentate Granule Cell Discharge During Conditioning. Relation to Movement and Theta Rhythm **44** 287 (1981)
Westenberg, I.S.: Deformed Optic Nerves in Coisogenic Albino and Pigmented C57BL/6J-c^{2J} Mice **37** 615 (1979)
Westerman, R.A., see Akaike, T. **17** 443 (1973)
Westheimer, G., Blair, S.M.: Functional Organization of Primate Oculomotor System Revealed by Cerebellectomy **21** 463 (1974)
Westheimer, G., Blair, S.M.: Synkinese der Augen- und Kopfbewegungen bei Hirnstammreizungen am wachen Macacus-Affen **24** 89 (1975/76)
Westheimer, G.: Cooperative Neural Processes Involved in Stereoscopic Acuity **36** 585 (1979)
Westheimer, G., see Eckmiller, R. **49** 315 (1983)
Westheimer, G., see Eckmiller, R., et al. **21** 241 (1974)
Westheimer, G., see Wallace, M., et al. **33** 19 (1978)
Westman, J., Bowsher, D.: The Fine Structure of „Non-Specific" Grey Matter (Laminae V and VII) in the Cat Spinal Cord **12** 379 (1971)
Westman, J.: The Lateral Cervical Nucleus in the Cat. III. An Electron Microscopical Study after Transection of Spinal Afferents **7** 32 (1969)
Westman, J., see Grant, G. **7** 51 (1969)
White, N., see Johansson, O., et al. **38** 1 (1979/80)
White, W.F., see Steward, O., et al. **26** 423 (1976)
Whitfield, I.C., Diamond, I.T., Chiveralls, K., Williamson, T.G.: Some Further Observations on the Effects of Unilateral Cortical Ablation on Sound Localization in the Cat **31** 221 (1978)
Whitman, R.: Visual Processing in Scotomata **17** 333 (1973)
Whittacker, V.P., see Davies, L.P., et al. **30** 493 (1977)
Whitteridge, D., see Kennedy, H., et al. **47** 313 (1982)

Whitteridge, D., see Martin, K.A.C., et al. **50** 193 (1983)
Whittington, D.A., Hepp-Reymond, M.-C., Flood, W.: Eye and Head Movements to Auditory Targets **41** 358 (1980/81)
Wicke, R.W., Oman, C.M.: Visual and Graviceptive Influences on Lower Leg EMG Activity in Humans During Brief Falls **46** 324 (1982)
Widdicombe, J.G., see Nail, B.S., et al. **15** 318 (1972)
Widlund, L., see Cedergren, E., et al. **16** 400 (1972/73)
Wied, D. de, see Urban, I. **24** 325 (1975/76)
Wiesendanger, M., see Cook, J.R. **26** 193 (1976)
Wiesendanger, M., see Felix, D. **12** 81 (1971)
Wiesendanger, M., see Zangger, P. **17** 144 (1973)
Wiesendanger, M., see Conrad, B., et al. **29** 85 (1977)
Wiesendanger, M., see Hepp-Reymond, M.-C., et al. **21** 519 (1974)
Wiesendanger, M., see Macpherson, J., et al. **48** 81 (1982)
Wiesendanger, M., see Macpherson, J.M., et al. **45** 410 (1982)
Wiesendanger, M., see Schultz, W., et al. **43** 413 (1981)
Wiesendanger, R., see Schultz, W., et al. **43** 413 (1981)
Wiesenfeld, Z., see Horn, G. **21** 67 (1974)
Wiggin, D.M., see Zarzecki, P. **48** 28 (1982)
Wigström, H., see Hultborn, H., et al. **37** 399 (1979)
Wiksten, B.: The Central Cervical Nucleus in the Cat. II.The Cerebellar Connections Studied with Retrograde Transport of Horseradish Peroxidase **36** 155 (1979)
Wiksten, B.: The Central Cervical Nucleus in the Cat. III.The Cerebellar Connections Studied with Anterograde Transport of ^{3}H-Leucine **36** 175 (1979)
Wiksten, B.: The Central Cervical Nucleus in the Cat. I. A Golgi Study **36** 143 (1979)
Wilkinson, M., Moger, W.H.: Circadian Surges of LH in the Ovariectomised Rat Occur Coincident with Enhanced Pituitary Responsiveness to GnRH **41** 188 (1980/81)
Wilkinson, T.M., see Miles, T.S. **46** 305 (1982)
Willer, J.C., see Lamour, Y., et al. **49** 35 (1983)
Willer, J.C., see Lamour, Y., et al. **49** 46 (1983)
Williams, B., see Vanegas, H., et al. **34** 335 (1978/1979)
Williamson, A.J., see Salzen, E.A., et al. **31** 107 (1978)
Williamson, A.J., see Salzen, E.A., et al. **24** 145 (1975/76)
Williamson, S.J., see Romani, G.L., et al. **47** 381 (1982)
Williamson, T.G., see Whitfield, I.C., et al. **31** 221 (1978)
Willig, R.P., see Welker, H.A., et al. **50** 426 (1983)
Willis, W.D., Weir, M.A., Skinner, R.D., Bryan, R.N.: Differential Distribution of Spinal Cord Field Potentials **17** 169 (1973)
Willis, W.D., see Bryan, R.N., et al. **17** 177 (1973)
Willott, J.F., Chalupa, L.M., Henry, K.R.: Responses of Single Units in the Inferior Colliculus of the Mouse (Mus Musculus) as a Function of Tone Intensity **28** 443 (1977)
Willott, J.F., see Shnerson, A. **37** 373 (1979)
Wilson, C., see Babb, T.L., et al. **47** 317 (1982)
Wilson, C.J., Chang, H.T., Kitai, S.T.: Origins of Postsynaptic Potentials Evoked in Identified Rat Neostriatal Neurons by Stimulation in Substantia Nigra **45** 157 (1982)
Wilson, C.J., Groves, P.M., Fifková, E.: Monoaminergic Synapses, Including Dendro-Dendritic Synapses in the Rat Substantia Nigra **30** 161 (1977)
Wilson, P.D., Pecci-Saavedra, J., Doty, R.W.: Mesencephalic Control of Lateral Geniculate Nucleus in Primates. II. Effective Loci **18** 204 (1973)
Wilson, P.D., see Bartlett, J.R., et al. **18** 214 (1973)
Wilson, P.D., see Doty, R.W., et al. **18** 189 (1973)
Wilson, R.C., Steward, O.: Polysynaptic Activation of the Dentate Gyrus of the Hippocampal Formation: An Olfactory Input Via the Lateral Entorhinal Cortex **33** 523 (1978)
Wilson, V.J., Anderson, J.A., Felix, D.: Unit and Field Potential Activity Evoked in the Pigeon Vestibulocerebellum by Stimulation of Individual Semicircular Canals **19** 142 (1974)
Wilson, V.J., Precht, W., Dieringer, N.: Responses of Different Compartments of Cat's Splenius Muscle to Optokinetic Stimulation **50** 153 (1983)
Wilson, V.J., Uchino, Y., Maunz, R.A., Susswein, A., Fukushima, K.: Properties and Connections of Cat Fastigiospinal Neurons **32** 1 (1978)
Wilson, V.J., Yoshida, M.: Monosynaptic Inhibition of Neck Motoneurons by the Medial Vestibular Nucleus **9** 365 (1969)
Wilson, V.J., Yoshida, M., Schor, R.H.: Supraspinal Monosynaptic Excitation and Inhibition of Thoracic Back Motoneurones **11** 282 (1970)
Wilson, V.J., see Bilotto, G., et al. **47** 343 (1982)
Wilson, V.J., see Brink, E.E., et al. **38** 285 (1979/80)
Wilson, V.J., see Hirai, N., et al. **36** 393 (1979)
Wilson, V.J., see Maeda, M., et al. **22** 69 (1975)
Wiltschko, W., see Welker, H.A., et al. **50** 426 (1983)
Windhorst, U., Schwestka, R.: Interactions Between Motor Units in Modulating Discharge Patterns of Primary Muscle Spindle Endings **45** 417 (1982)
Windhorst, U., see Hellweg, F.C., et al. **21** 353 (1974)
Windhorst, U., see Schwestka, R., et al. **43** 34 (1981)
Winkelmann, A., see Meyer, D.L., et al. **14** 118 (1972)
Winkelmann, E., see Brauer, K., et al. **36** 523 (1979)
Winter, P., Funkenstein, H.H.: The Effect of Sppcies-Specific Vocalization on the Discharge of Auditory Cortical Cells in the Awake Squirrel Monkey (Saimiri sciureus) **18** 489 (1973)
Winter, P., Ploog, D., Latta, J.: Vocal Repertoire of the Squirrel Monkey (Saimiri sciureus), its Analysis and Significance **1** 359 (1966)
Winter, P., see Funkenstein, H.H. **18** 464 (1973)
Winter, P., see Jürgens, U., et al. **4** 114 (1967/68)
Winterkorn, J.M.S., Shapley, R., Kaplan, E.: The Effect of Monocular Paralysis on the Lateral Geniculate Nucleus of the Cat **42** 117 (1981)
Winters, R.W., see Cohen, H.I., et al. **38** 299 (1979/80)
Winters, R.W., see Cohen, H.I., et al. **44** 207 (1981)
Winterson, B.J., see Collewijn, H., et al. **40** 330 (1980)
Wioland, N., see Bonaventure, N., et al. **50** 433 (1983)
Wist, E., see Dichgans, J., et al. **23** 529 (1975)
Wist, E.R., see Schmidt, C.L., et al. **15** 1 (1972)
Wita, C.W., see Freund, H.-J., et al. **16** 60 (1972/73)
Withrow, C.D., see Reed, D.J., et al. **3** 212 (1967)
Wojnorowicz, F., see Knoll-Köhler, E., et al. **38** 173 (1979/80)
Wolburg, H.: Myelination and Remyelination in the Regenerating Visual System of the Goldfish **43** 199 (1981)
Wolburg, H.: Intraaxonaler Transport von Ethidium-Bromid-sensitiven RNS- und niedermolekularen 3H-Uridin-Verbindungen im Tractus opticus von Teleosteern **15** 348 (1972)
Wold, J.E.: The Vestibular Nuclei in the Domestic Hen (Gallus domesticus). V. Commissural Connections **34** 217 (1978/1979)
Wolf, E.H., Bechtel, A.A., Spitzer, J.J.: Oxidation of ^{14}C-β-Hydroxybutyrate Administered by Ventriculo-Cisternal Perfusion in the Dog **14** 9 (1972)

Wolfe, G.E., see Macadar, O., et al. **22** 1 (1975)
Wolfe, J.W., see Llinás, R. **29** 1 (1977)
Wolfe, L.S., see Derry, D.M. **5** 32 (1968)
Wolff, J.R., see Güldner, F.-H. **32** 83 (1978)
Wolff, J.R., see Güldner, F.-H. **32** 77 (1978)
Wolff, J.R., see Creutzfeldt, O.D., et al. **27** 419 (1977)
Wolff, J.R., see Dames, W., et al. **36** 259 (1979)
Wolinsky, T.D., see Morrell, J.I., et al. **45** 144 (1982)
Wollberg, Z., see Glass, I. **34** 489 (1978/1979)
Wollberg, Z., see Allon, N., et al. **41** 222 (1980/81)
Wolters, W., see Hess, R. **34** 273 (1978/1979)
Wong, S.C.P., see Frost, B.J., et al. **43** 173 (1981)
Wood, J.D.: A Possible Role for γ-Aminobutyric Acid in the Homeostatic Control of Brain Metabolism Under Conditions of Hypoxia **4** 81 (1967/68)
Woodbory, D.M., see Johanson, C.E. **30** 65 (1977)
Woodbury, D.M., see Ferguson, R.K. **7** 181 (1969)
Woodbury, D.M., see Reed, D.J., et al. **3** 212 (1967)
Woods, E.J., Frost, B.J.: Adaptation and Habituation Characteristics of Tectal Neurons in the Pigeon **27** 347 (1977)
Woodward, D.J., see Burne, R.A. **49** 55 (1983)
Woodward, D.J., see Puro, D.G. **28** 427 (1977)
Woodward, D.J., see Puro, D.G. **28** 85 (1977)
Woodward, D.J., see Saint-Cyr, J.A. **40** 1 (1980)
Woodward, D.J., see Saint-Cyr, J.A. **40** 13 (1980)
Woody, C.D., Nahvi, M.J.: Application of Optimum Linear Filter Theory to the Detection of Cortical Signals Preceding Facial Movement in Cat **16** 455 (1972/73)
Woolf, N.K., see Ryan, A.F., et al. **47** 428 (1982)
Woollacott, M., see Nashner, L.M., et al. **36** 463 (1979)
Wright, M.J., see Ikeda, H. **20** 471 (1974)
Wright, M.J., see Ikeda, H. **25** 63 (1976)
Wright, M.J., see Ikeda, H. **22** 363 (1975)
Wright, M.J., see Ikeda, H. **22** 385 (1975)
Wright, P.M., Nogueira, G.J., Levin, E.: Role of the Pia Mater in the Transfer of Substances in and out of the Cerebrospinal Fluid **13** 294 (1971)
Wright, S.J., Jr., see Valases, C., et al. **40** 261 (1980)
Wuerthele, S.M., Freed, W.J., Olson, L., Morihisa, J., Spoor, L., Wyatt, R.J., Hoffer, B.J.: Effect of Dopamine Agonists and Antagonists on the Electrical Activity of Substantia Nigra Neurons Transplanted into the Lateral Ventricle of the Rat **44** 1 (1981)
Wurster, R.D., see Webber, Ch.L., Jr., et al. **35** 395 (1979)
Wuttke, W.: Preoptic Unit Activity and Gonadotropin Release **19** 205 (1974)
Wuttke, W., see Hancke, J.L. **35** 127 (1979)
Wuttke, W., see Fenske, M., et al. **22** 495 (1975)
Wuttke, W., see Kelly, M.J., et al. **34** 107 (1978/1979)
Wuttke, W., see Kelly, M.J., et al. **40** 440 (1980)
Wuttke, W., see Ondo, J., et al. **46** 69 (1982)
Wuttke, W., see Rønnekleiv, O.K., et al. **39** 187 (1980)
Wyatt, R. J., see Neckers, L.M., et al. **37** 619 (1979)
Wyatt, R.J., see Wuerthele, S.M., et al. **44** 1 (1981)
Wylie, R.M., Felpel, L.P.: The Influence of the Cerebellum and Peripheral Somatic Nerves on the Activity of Deiter's Cells in the Cat **12** 528 (1971)
Wyman, R.J., Waldron, I., Wachtel, G.M.: Lack of Fixed Order of Recruitment in Cat Motoneurons Pools **20** 101 (1974)
Wyrwicka, W., Doty, R.W.: Feeding Induced in Cats by Electrical Stimulation of the Brain Stem **1** 152 (1966)
Wyss, U.R., see Smith, A.M., et al. **23** 315 (1975)
Wyzinski, P., see Steriade, M., et al. **17** 87 (1973)

X

Xerri, C., see Lacour, M., et al. **37** 563 (1979)
Xerri, C., see Lacour, M., et al. **43** 383 (1981)
Xerry, C., see Lacour, M. **40** 103 (1980)

Y

Yagi, K., see Hamamura, M. **39** 121 (1980)
Yagi, K., see Hamamura, M., et al. **48** 420 (1982)
Yagi, K., see Kannan, H., et al. **42** 362 (1981)
Yagi, T., Simpson, N.E., Markham, C.H.: The Relationship of Conduction Velocity to Other Physiological Properties of the Cat's Horizontal Canal Neurons **30** 587 (1977)
Yajima, Y., Hayashi, Y.: Ambiguous Motoneurons Discharging Synchronously with Ultrasonic Vocalization in Rats **50** 359 (1983)
Yamada, Y., see Chujo, T., et al. **23** 293 (1975)
Yamaguchi, S.-I., Myers, R.E.: Age Effects on Forebrain Commissure Section and Interocular Transfer **15** 225 (1972)
Yamaguchi, S.-I., Myers, R.E.: Prefrontal Lobe Functions and the Neocortical Commissures in Monkeys **18** 119 (1973)
Yamamoto, C., Bak, I.J., Kurokawa, M.: Ultrastructural Changes Associated with Reversible and Irreversible Suppression of Electrical Activity in Olfactory Cortex Slices **11** 360 (1970)
Yamamoto, C., Chujo, T.: Visualization of Central Neurons and Recording of Action Potentials **31** 299 (1978)
Yamamoto, C., Kurokawa, M.: Synaptic Potentials Recorded in Brain Slices and their Modification by Changes in the Level of Tissue ATP **10** 159 (1970)
Yamamoto, C., Matsumoto, K., Takagi, M.: Potentiation of Excitatory Postsynaptic Potentials During and After Repetitive Stimulation in Thin Hippocampal Sections **38** 469 (1979/80)
Yamamoto, C.: Activation of Hippocampal Neurons by Mossy Fiber Stimulation in Thin Brain Sections *in Vitro* **14** 423 (1972)
Yamamoto, C.: Electrical Activity Recorded from Thin Sections of the Lateral Geniculate Body, and the Effects of 5-Hydroxytryptamine **19** 271 (1974)
Yamamoto, C.: Quantal Analysis of Excitatory Postsynaptic Potentials Induced in Hippocampal Neurons by Activation of Granule Cells **46** 170 (1982)
Yamamoto, C., see Hounsgaard, J. **37** 387 (1979)
Yamamoto, C., see Sawada, S. **41** 264 (1980/81)
Yamamoto, C., see Chujo, T., et al. **23** 293 (1975)
Yamamoto, K., Odagiri, M.: Discharge Pattern Differences Between Cat Interpositus and Dentate Neurons During Isometric Lever Pressing **43** 104 (1981)
Yamamoto, K., see Satoh, K., et al. **30** 175 (1977)
Yamamoto, M., see Ito, M., et al. **24** 273 (1975/76)
Yamamoto, M., see Ito, M., et al. **24** 257 (1975/76)
Yamamoto, M., see Ito, M., et al. **26** 89 (1976)
Yamamoto, M., see Sato, T., et al. **24** 285 (1975/76)
Yamamoto, M., see Sato, T., et al. **16** 533 (1972/73)
Yamamoto, T., Yuyama, N., Kawamura, Y.: Responses of Cortical Taste Cells and Chorda Tympani Fibers to Anodal D.C. Stimulation of the Tongue in Rats **40** 63 (1980)
Yamamoto, T., see Kawaguchi, S., et al. **36** 21 (1979)

Yamamoto, T., see Kawaguchi, S., et al. **35** 511 (1979)
Yamamoto, T., see Oka, H., et al. **37** 115 (1979)
Yamamoto, T., see Sasaki, K., et al. **26** 261 (1976)
Yanagisawa, K., see Watanabe, T., et al. **2** 302 (1966)
Yasuda, T., see Sasaki, K., et al. **29** 419 (1977)
Yates, J.O., see Dyer, R.G., et al. **39** 453 (1980)
Yates, J.T., see Brooks, B.A., et al. **40** 71 (1980)
Yatsu, F.M., see D'Adamo, A.F., Jr., et al. **5** 267 (1968)
Yavin, E., see Yavin, Z. **29** 137 (1977)
Yavin, Z., Yavin, E.: Synaptogenesis and Myelinogenesis in Dissociated Cerebral Cells from Rat Embryo on Polylysine Coated Surfaces **29** 137 (1977)
Yeshurun, Y., see Allon, N., et al. **41** 222 (1980/81)
Yim, G.K.W., see Kelly, J.S., et al. **7** 11 (1969)
Yin, T.C.T., see Allen, G.I., et al. **27** 81 (1977)
Yin, T.C.T., see Allen, G.I., et al. **32** 151 (1978)
Yingchareon, K., see Kotchabhakdi, N., et al. **40** 405 (1980)
Yinon, U.: Age Dependence of Effect of Squint on Cells in Kittens' Visual Cortex **26** 151 (1976)
Yinon, U.: Chronic Asymmetry in the Extraocular Muscles of Adult Cats: Stability in Binocularity of Cortical Neurons **32** 275 (1978)
Yinon, U.: Inverted Vision Surgically Induced in Experienced Cats: Physiology of the Primary Cortex **28** 141 (1977)
Yinon, U.: Eye Rotation in Developing Kittens: The Effect on Ocular Dominance and Receptive Field Organization of Cortical Cells **24** 215 (1975/76)
Yokota, T., Voorhoeve, P.E.: Pyramidal Control of Fusimotor Neurons Supplying Extensor Muscles in the Cat's Forelimb **9** 96 (1969)
Yonenobu, K., see Tada, K., et al. **35** 287 (1979)
Yoshida, K., see Shinoda, Y. **22** 97 (1975)
Yoshida, K., see Ezure, K., et al. **33** 27 (1978)
Yoshida, K., see McCrea, R.A., et al. **40** 468 (1980)
Yoshida, M., Rabin, A., Anderson, M.: Monosynaptic Inhibition of Pallidal Neurons by Axon Collaterals of Caudato-nigral Fibres **15** 333 (1972)
Yoshida, M., see Wilson, V.J. **9** 365 (1969)
Yoshida, M., see Fujito, Y., et al. **45** 13 (1982)
Yoshida, M., see Ito, M., et al. **10** 64 (1970)
Yoshida, M., see Ito, M., et al. **2** 330 (1966)
Yoshida, M., see Uno, M., et al. **10** 121 (1970)
Yoshida, M., see Uno, M., et al. **33** 493 (1978)
Yoshida, M., see Wilson, V.J., et al. **11** 282 (1970)
Young, D.W., Iggo, A.: Neurones in the Spinal Trigeminal Nucleus of the Cat Responding to Movement of the Vibrissae **28** 457 (1977)
Young, E.D., see Gazzaniga, M.S. **3** 368 (1967)
Young, I.J., see Held, I. **8** 150 (1969)
Young, L.R., see Huang, J. **41** 172 (1980/81)
Young, L.R., see Zacharias, G.L. **41** 159 (1980/81)
Young, L.R., see Berthoz, A., et al. **23** 471 (1975)
Young, L.R., see Lichtenberg, B.K., et al. **48** 127 (1982)
Young, M.J., see Donald, M.W. **46** 357 (1982)
Young, O.M., see Bourke, R.S., et al. **10** 427 (1970)
Young, O.M., see Bourke, R.S., et al. **10** 17 (1970)
Young, P.A., see Kultas-Ilinsky, K., et al. **33** 481 (1978)
Yu, F., see Eidelberg, E. **43** 101 (1981)
Yu. H., see Kitai, S.T., et al. **16** 161 (1972/73)
Yumiya, H., see Larsen, K.D. **43** 315 (1981)
Yumiya, H., see Larsen, K.D. **40** 393 (1980)
Yumiya, H., see Larsen, K.D. **38** 321 (1979/80)
Yumiya, H., see Larsen, K.D. **36** 477 (1979)
Yumiya, H., see Asanuma, H., et al. **38** 349 (1979/80)
Yuyama, N., see Yamamoto, T., et al. **40** 63 (1980)

Z

Záborszky, L., Léránth, C., Makara, G.B., Palkovits, M.: Quantitative Studies on the Supraoptic Nucleus in the Rat. II. Afferent Fiber Connections **22** 525 (1975)
Záborszky, L., Makara, G.B.: Intrahypothalamic Connections: An Electron Microscopic Study in the Rat **34** 201 (1978/1979)
Záborszky, L., see Léránth, C., et al. **22** 509 (1975)
Zacharias, G.L., Young, L.R.: Influence of Combined Visual and Vestibular Cues on Human Perception and Control of Horizontal Rotation **41** 159 (1980/81)
Zambarbieri, D., Schmid, R., Magenes, G., Prablanc, C.: Saccadic Responses Evoked by Presentation of Visual and Auditory Targets **47** 417 (1982)
Zamboni, G., see Perez, E., et al. **47** 114 (1982)
Zangger, P., Wiesendanger, M.: Excitation of Lateral Reticular Nucleus Neurones by Collaterals of the Pyramidal Tract **17** 144 (1973)
Zangger, P., see Grillner, S. **34** 241 (1978/1979)
Zaretsky, M.D.: A New Auditory Area of the Songbird Forebrain: A Connection between Auditory and Song Control Centers **32** 267 (1978)
Zarzecki, P., Blum, P.S., Bakker, D.A., Herman, D.: Convergence of Sensory Inputs upon Projection Neurons of Somatosensory Cortex: Vestibular, Neck, Head, and Forelimb Inputs **50** 408 (1983)
Zarzecki, P., Shinoda, Y., Asanuma, H.: Projection from Area 3a to the Motor Cortex by Neurons Activated from Group I Muscle Afferents **33** 269 (1978)
Zarzecki, P., Wiggin, D.M.: Convergence of Sensory Inputs upon Projection Neurons of Somatosensory Cortex **48** 28 (1982)
Zarzecki, P., see Asanuma, H., et al. **34** 73 (1978/1979)
Zarzecki, P., see Asanuma, H., et al. **26** 443 (1976)
Zarzecki, P., see Shinoda, Y., et al. **34** 59 (1978/1979)
Zeki, S.: Zu Brodmanns Area 18 und Area 19 – *On Brodmanns Area 18 and Area 19* **36** 195 (1979)
Zieglgänsberger, W., Herz, A.: Changes of Cutaneous Receptive Fields of Spino-Cervical-Tract. Neurones and Other Dorsal Horn Neurones by Microelectrophoretically Administered Amino Acids **13** 111 (1971)
Zieglgänsberger, W., Puil, E.A.: Actions of Glutamic Acid on Spinal Neurones **17** 35 (1973)
Zieglgänsberger, W., Reiter, Ch.: Interneuronal Movement of Procion Yellow in Cat Spinal Neurones **20** 527 (1974)
Zieglgänsberger, W., see French, E.D. **48** 238 (1982)
Zieglgänsberger, W., see Fries, W. **21** 441 (1974)
Zieglgänsberger, W., see Herz, A., et al. **9** 221 (1969)
Zihl, J., Cramon, D. von: Collicular Function in Human Vision **35** 419 (1979)
Zihl, J., Pöppel, E., Cramon, D. von: Diurnal Variation of Visual Field Size in Patients with Postretinal Lesions **27** 245 (1977)
Zihl, J.: Recovery of Visual Function in Patients with Cerebral Blindness. Effect of Specific Practice with Saccadic Localization **44** 159 (1981)
Zihl, J., see Singer, W., et al. **29** 173 (1977)
Zilm, D., see Ashby, P. **47** 33 (1982)
Zilm, D., see Ashby, P. **47** 41 (1982)

Zimmermann, H., see Schmid, R. **38** 419 (1979/80)
Zimmermann, H., see Schmid, R. **38** 405 (1979/80)
Zimmermann, H., see Davies, L.P., et al. **30** 493 (1977)
Zimmermann, M., see Carstens, E., et al. **38** 425 (1979/80)
Zimmermann, M., see Jänig, W., et al. **6** 100 (1968)
Zimmermann, M., see Jänig, W., et al. **6** 116 (1968)
Zimmermann, M., see Schmidt, R.F., et al. **3** 234 (1967)
Zimmermann, M., see Schmidt, R.F., et al. **3** 220 (1967)
Zytnicki, D., see Jami, L., et al. **48** 177 (1982)